

# PRODUCT GUIDE

for structured cabling

## WHO WE ARE

**BARPA** IS AN INTERNATIONAL BRAND OWNED BY THE ARGON GROUP, A MULTINATIONAL COMPANY HEADQUARTERED IN PORTUGAL.

Founded in 2016, barpa specializes in the **design, manufacture, and commercialization of Passive Solutions for Structured Networks.** The brand delivers a comprehensive product portfolio that includes **Copper Systems, Fiber Optic Systems, Racks and Cabinets.**

With headquarters and a distribution center in Portugal, and an office in Madrid, barpa exports as a trusted supplier to more than 20 countries.



WHAT SETS US APART

## PRODUCTION CENTERS

GERMANY, CHINA, SLOVAKIA, PORTUGAL AND TURKEY.

## MANAGEMENT SYSTEM

OUR MANAGEMENT SYSTEM IS CERTIFIED ACCORDING TO ISO 9001:2015 AND ISO 14001:2015.

## PRODUCT QUALITY

WE USE SEVERAL PRODUCT CERTIFICATION LABS:  
FORCE TECHNOLOGY, VDE, BASEC, 3P, TUV.

## REFERENCES

GET TO KNOW SOME.

## BARPA•SPACE

SPACE FOR SHARING KNOWLEDGE IN THE AREA OF STRUCTURED CABLING, FOR ALL THOSE WHO LOVE THE THEME.  
WE ALREADY MADE MORE THAN 100 EVENTS.

## 25 ANOS DE GARANTIA

IF YOU HAVE A SYSTEM DESIGNED, INSTALLED AND TESTED BY AN APPROVED BARPA PARTNER WITH CURRENT TRAINING CERTIFICATION IN PLACE.  
YOU CAN QUALIFY FOR 25 YEARS WARRANTY.

## E-COMMERCE PLATFORM

### MY.ARGON

AN ONLINE SPACE WHERE YOU CAN CHECK STOCK AND PLACE ORDERS QUICKLY AND EFFICIENTLY.

## 25-YEAR WARRANTY PROGRAM

At barpa, we believe in the quality, reliability, and durability of our structured network solutions.

That's why we offer a **25-Year Warranty Program**, exclusive to barpa-certified integrators, ensuring maximum security and performance of the installed infrastructure.



**By joining the program, integrators gain access to:**

- 25-year comprehensive coverage on the performance and components of the certified solution.
- Compliance with international standards and guaranteed performance for future applications.
- Specialized technical support for projects and infrastructure certification.
- Market differentiation, ensuring end customers a validated, long-lasting installation.

BARPA IS A BICSI MEMBER

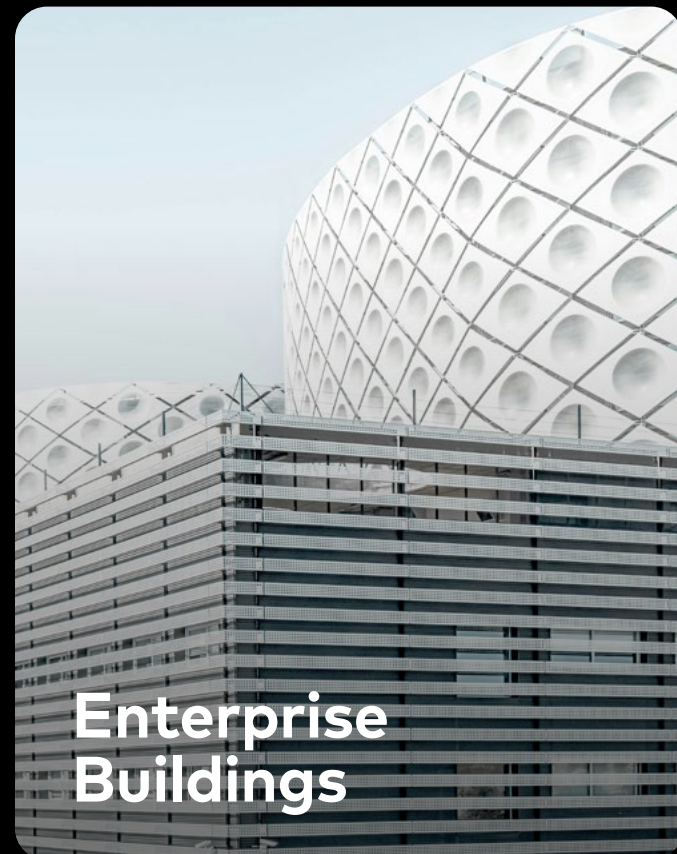
barpa is part of BICSI, one of the most prestigious global associations in the ICT sector.

Being a **BICSI** member means being connected to a global ecosystem of technical knowledge, best practices, and continuous innovation — elements that enable us to develop more advanced, reliable, and future-ready solutions.



## PLAYING FIELDS

WE OPERATE IN VARIOUS STRATEGIC SECTORS,  
PROVIDING COMPLETE AND INNOVATIVE SOLUTIONS.



CPR - CONSTRUCTION PRODUCTS REGULATION

SINCE JULY 1st 2017 CABLE MANUFACTURERS HAVE BEEN OBLIGED TO TEST THE CABLES THAT ARE TO BE INSTALLED IN CONSTRUCTION WORKS (FIXED INSTALLATION) FOR REACTION TO FIRE PERFORMANCE, ACCORDINGLY TO STANDARD EN 50575.

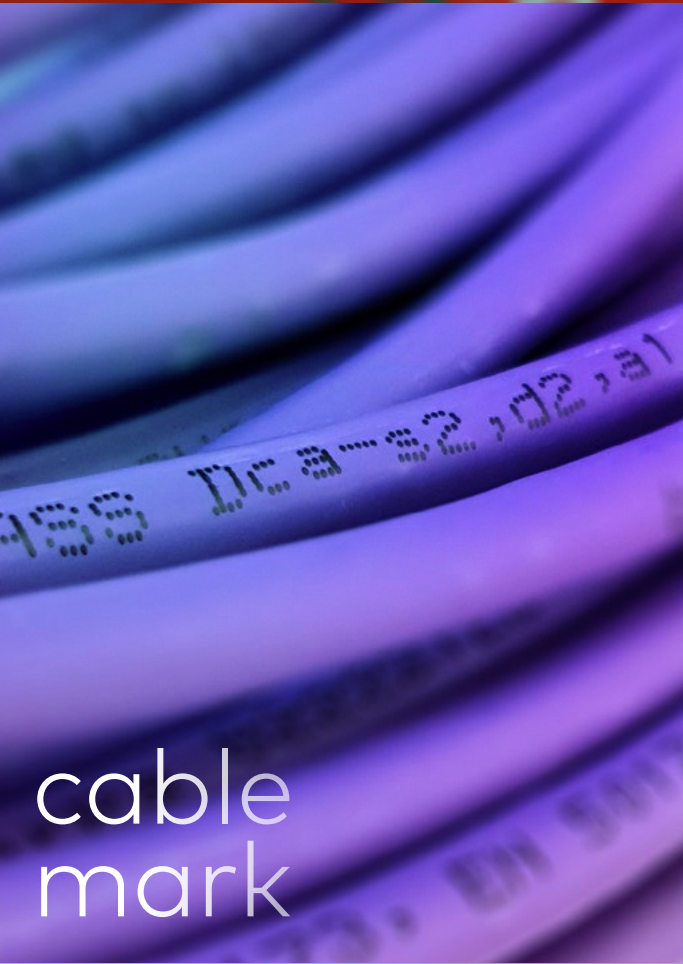
| EUROCLASS (CA) | CLASSIFICATION CRITERIA                  | ADICIONAL CRITERIA                                              | ATTESTATION OF CONFORMITY SYSTEM                                                           |
|----------------|------------------------------------------|-----------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| A              | EN ISO 1716<br>Gross Heat of Combustion  |                                                                 |                                                                                            |
| B1             | EN 50399<br>Heat release<br>Flame spread | EN 50399 / EN 61034-2<br>Smoke production<br>(s1a, s1b, s2, s3) | System 1+<br>Initial type test and<br>continuous surveillance by<br>third party laboratory |
| B2             |                                          | EN 50267-2-3<br>Acidity<br>(a1, a2, a3)                         |                                                                                            |
| C              |                                          | EN 50399<br>Flaming drodples<br>(d0,d1, d2)                     |                                                                                            |
| D              | EN 60332-1-2<br>Flame propagation        |                                                                 | System 3<br>Initial type test by third<br>part laboratory                                  |
| E              | EN 60332-1-2<br>Flame propagation        |                                                                 |                                                                                            |
| F              |                                          |                                                                 | System 4<br>Documents emitted by<br>the manufacturer                                       |

THE FOLLOWING CRITERIA ARE CHECKED WHEN TESTING IS CARRIED OUT:

- Flame propagation;
- Heat release;
- Smoke production;
- Acidity;
- Heat of combustion;
- Flaming droplets.

The table explains which euroclasses exist and the conformity system.

HOW TO CHECK THE COMPLIANCE



DoP

## ENVIRONMENTAL RESPONSIBILITY

WE WANT TO CONTRIBUTE FOR A SUSTAINABLE FUTURE, BEING THIS POINT VERY IMPORTANT IN NEW PROJECTS AND IN NEW PRODUCTS.

WE ARE MAKING SOME ACTIONS, LISTED SOME:

- Eliminating to the maximum the printed material, like catalog, flyers, etc.
- Promoting training sessions with our employees creating awareness.
- Turning our headquarters as green as possible.
- Reducing the plastic from our products.
- Redesigning our packaging to be more sustainable with the Repackaging Project.
- Re-use the packaging that we receive from our suppliers to deliver to our customers.
- Implementing the Internacional Standard ISO14001.
- Creation of an ESG Committee.

**CAT.8 SOLUTION**  
IS IDEAL FOR THOSE  
WHO RELY ON COPPER  
CONNECTIVITY

- 40 Gbps2000MHz
- KEYSTONESFIELD PLUGS
- PATCH CORDSCOPPER CABLE

**OM5 SOLUTION**  
IS IDEAL FOR SWDM  
APPLICATIONS, ENABLING  
LIGHTNING-FAST DATA  
TRANSMISSIONS

- SWDM400 Gbs
- FIBER CABLES
- ADAPTERSPIGTAILSPATCH CORDS
- PRE-ASSEMBLED CABLES

**UHD SOLUTION**  
IS THE KEY TO OVERCOME  
DATA CENTER CHALLENGES  
AND SECURING A EFFICIENT  
INFRASTRUCTURE

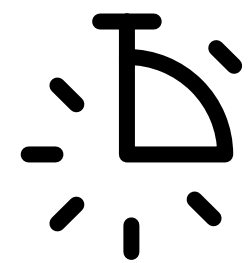
- ULTRA HIGH DENSITYMTP®
- UHD PANELS1U / 2U / 4U144F / 288F / 576F
- CASSETTES8F / 12F / EMPTY

INTERNAL PRODUCTION CENTER

**PRODUCTION CENTER FOR  
PRE-ASSEMBLED SOLUTIONS  
AND RACK ASSEMBLY.**

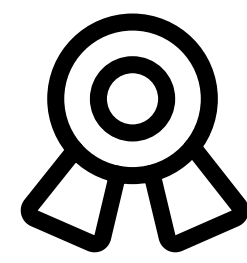
THE MAIN MOTTO IS CUSTOMIZATION.  
MANUFACTURED IN PORTUGAL.

# Main Advantages of the Internal Production Unit



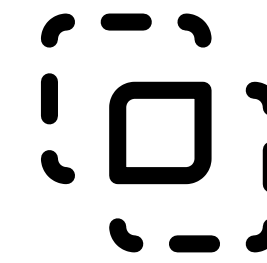
## Reduced installation time

Up to 60% faster with pre-terminated cables, pre-assembled panels, and boxes that minimize errors and on-site work time (CAPEX). This also reduces long-term maintenance needs (OPEX).



## Reduced quality issues

With guaranteed production quality, field problems are minimized.



## Customized solutions

We can develop and produce solutions tailored to your needs.

# OUR SOLUTION IN AN IMAGE WITH VERY-ADVANTAGES.

PLUG N'PLAY SYSTEM

NO OPTICAL FUSIONS

QUICK AND EASE INSTALLATION



5. Access Point

6. Box + Patch Cord

7. ONT

8. OLT

-  Comply with European Standards
-  Comply with Environmental Standards
-  Construction Product Regulation
-  Low Smoke Emission and Free Halogen
-  CPR Class Cca
-  CPR Class Dca
-  CPR Class Eca
-  CPR Class B2ca

-  American Wire Gauge
-  American Wire Gauge
-  Material Manufacturing PE Plastic
-  Material Manufacturing PVC Plastic
-  Aluminum
-  Product Selected for the 25 Years Warranty System
-  Diameter
-  UV Resistant

-  Halogen Free
-  Flame Retardant
-  Protection of Rodents
-  PS/2 Incorporated
-  With Incorporated Cable Bundle
-  USB Incorporated
-  With Different Plug Types
-  Conduit Application

-  Cable Tray Application
-  Outdoor Application
-  Indoor Application
-  Underground Application
-  Customizable product
-  Assembled product

subtitles

The icons description is an aid to the analysis of this catalogue, with this we want to improve your experience.

# index

 Click on the range of products you want to explore.

fiber optic



Click on the range of products you want to explore.  
If you want to see the fiber optic guideline go to the next page.

| CABLE                                          |                                                          |                                                          | PATCH CORDS             | PIGTAILS   | ADAPTERS        | PATCH PANELS<br>AND HIGH DENSITY<br>SUB-RACK | PRE-TERMINATED<br>SOLUTIONS                | SPLITTER                  | BOXES                            | ACCESSORIES                    |                    |                                           |                                   |
|------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|-------------------------|------------|-----------------|----------------------------------------------|--------------------------------------------|---------------------------|----------------------------------|--------------------------------|--------------------|-------------------------------------------|-----------------------------------|
| CATEGORY                                       | PE                                                       | LSZH                                                     |                         |            |                 |                                              |                                            |                           |                                  |                                |                    |                                           |                                   |
| TIGH BUFFER<br><br>2 to 24 fibers              |                                                          | Distribution Cable<br>or Mini Breakout                   | OS2 G652D               | OS2 G652D  | SC              | Patch Panel                                  | Higgs Plus Fiber<br>Patch Cord             | Mini Type PLC<br>Splitter | Wall Termination<br>Box 2 fibers | Splice Tray 24 F               |                    |                                           |                                   |
|                                                |                                                          | Zip-Cord                                                 | OS2 G657A2<br>Staggered | OS2 G657A2 |                 | Wall Termination<br>Box 4 fibers             |                                            |                           | Blank Cover                      |                                |                    |                                           |                                   |
|                                                |                                                          | Drop for FTTx                                            |                         | OS2 G657B3 |                 | Distribution Box<br>8 Fibers                 |                                            |                           |                                  |                                |                    |                                           |                                   |
|                                                |                                                          |                                                          |                         |            |                 | OM1 62.5/125                                 |                                            |                           |                                  |                                |                    |                                           | Distribution Box<br>12 Fibers     |
| LOOSE TUBE<br>DIELECTRIC<br><br>2 to 96 fibers | Unitube<br>w/Glass Yarn<br>1200N / 3000N                 | Data Center<br>Cable for MPO – 2mm                       |                         |            | LC              | Splitter<br>Patch Panel                      | Higgs Pre-terminated<br>Fiber Trunk Cables |                           | Distribution Box<br>24 Fibers    | Cassette 3 Tech<br>Patch Panel |                    |                                           |                                   |
|                                                | Multitube<br>w/Glass Yarn<br>5000N                       | Unitube<br>w/Glass Yarn<br>1200N / 3000N                 |                         |            |                 |                                              |                                            |                           | OM2 50/125                       |                                |                    |                                           |                                   |
|                                                |                                                          | Multitube<br>w/Glass Yarn<br>5000N                       |                         |            |                 |                                              |                                            |                           |                                  | OM2 50/125                     | 3 Tech Patch Panel | Splice Holder with<br>Adhesive Tape       |                                   |
|                                                |                                                          |                                                          |                         |            |                 |                                              |                                            |                           |                                  |                                | OM3 50/125         |                                           | Termination Box<br>24 Fibers      |
| LOOSE TUBE<br>METALIC<br>2 to 144 fibers       | Unitube<br>w/Corrugated Steel<br>1200N / 3000N           | Unitube<br>w/Corrugated Steel<br>3000N                   |                         |            | FC / ST / E2000 | High Density<br>Sub-Rack                     |                                            |                           | Wall Distribution Box            | Fusion Splice<br>Sleeves       |                    |                                           |                                   |
|                                                | Multitube<br>w/Corrugated Steel<br>1800N – Double Sheath |                                                          |                         |            |                 |                                              |                                            |                           | OM4 50/125                       |                                |                    |                                           |                                   |
|                                                |                                                          | Multitube<br>w/Corrugated Steel<br>1800N – Double Sheath |                         |            |                 |                                              |                                            |                           |                                  | OM4 50/125                     |                    | Wall Mounted Splitter<br>Distribution Box | High Density<br>Cassettes         |
|                                                |                                                          |                                                          |                         |            |                 |                                              |                                            |                           |                                  |                                | OM5 50/125         | OM5 50/125                                | Ultra High Density<br>Patch Panel |

fiber optic guideline

 Click on the product you want to know more.

TIGHT BUFFER

Distribution Cable  
or Mini Breakout  
Glass Yarn Dielectric  
Armouring

The barpa Distribution Cables are perfect for building backbones and horizontal distribution applications. To use in structured cabling installations: data centers, LANs, SANs and longer length backbones. Easy removable tight buffer. For indoor and/or outdoor.

• ISO/IEC 11801; • EN 50173-1; • EN50575; • IEC 60794-2-20; • IEC 60332-1-2; • IEC 60332-3-24; • IEC 61034-[1,2]; • EN 50399; • ANSI/TIA-568-C; • ITU G652; • ITU G657.



Demonstrative 12 fiber cable.

**B2CA** - With B1 at the end of the code.  
**DCA** - With D1 at the end of the code.  
**ECA** - Without D1 at the end of the code.  
**CCA** - With C1 at the end of the code.  
Available in different CPR class. Please specify in your request. 2km in reel. Colors, sizes and special configurations available upon confirmation.



- 1 Outer Jacket
- 2 Tight-buffered
- 3 Strength Member

SPECIFICATIONS

|                              | Limits |     |     |     |     |
|------------------------------|--------|-----|-----|-----|-----|
|                              | 2      | 4   | 8   | 12  | 24  |
| Cable Diameter (mm)          | 5.3    | 5.7 | 6.8 | 7.2 | 8.6 |
| Nominal Cable Weight (kg/km) | 35     | 35  | 35  | 80  | 80  |

LOGISTIC INFORMATION

|            | Number of Fibers |             |             |             |             |
|------------|------------------|-------------|-------------|-------------|-------------|
|            | 2                | 4           | 8           | 12          | 24          |
| OM3        | 81114101502      | 81114101504 | 81114101508 | 81114101512 | 81114101524 |
| OM4        | 81115101602      | 81115101604 | 81115101608 | 81115101612 | 81115101624 |
| OM5        | 81117301702      | 81117101704 | 81117301708 | 81117101712 | 81117301724 |
| OS2 G652D  | 81112101102      | 81112101104 | 81112101108 | 81112101112 | 81112101124 |
| OS2 G657A2 | 81112101202      | 81112101204 | 81112101208 | 81112101212 | 81112101224 |

TIGHT BUFFER

Zip-Cord

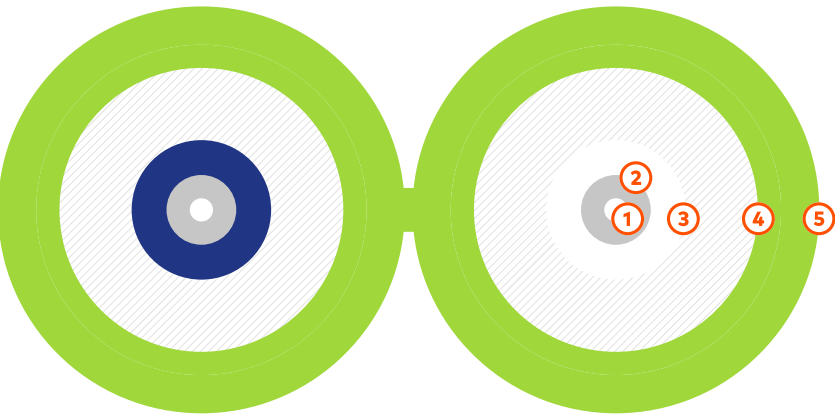
Commonly used in the manufacture of patch cords, to interconnecting fiber optic equipment.

- ISO/IEC 11801; • EN 50173-1; • EN50575;
- IEC 60794-2; • IEC 60332-1-[1,2]; • IEC 60754-[1,2];
- IEC 61034-[1,2]; • ANSI/TIA-568-C; • IEC 60793;
- ITU G651.1; • ITU G652; • ITU G657.



Demonstrative 2 fiber cable.

**B2CA** - with B1 at the end of the code.  
**DCA** - with D1 at the end of the code.  
**ECA** - without D1 at the end of the code.  
Available in different CPR class. Please specify in your request. 2km in reel. Colors, sizes and special configurations available upon confirmation.



- 1 Optical Fiber
- 2 Coating Fiber
- 3 Tight-buffer
- 4 Strength Member
- 5 Outer Jacket

SPECIFICATIONS

|                              | Cable Diameter 2 mm |     | Cable Diameter 3 mm |    |
|------------------------------|---------------------|-----|---------------------|----|
|                              | Number of Fibers    |     |                     |    |
|                              | 1                   | 2   | 1                   | 2  |
| Nominal Cable Weight (kg/km) | 4.5                 | 8.0 | 10                  | 15 |

LOGISTIC INFORMATION

| Cable Diameter (mm) | Number of Fibers | OM2         | OM3         | OM4         | OM5         | OS2 G652D   | OS2 G657A2  | OS2 G657B3  |
|---------------------|------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 2                   | 1                | -           | -           | -           | -           | 81112102101 | 81112102201 | 81112102301 |
|                     | 2                | 81113102402 | 81114102502 | 81115102602 | 81117102702 | 81112102102 | 81112102202 | 81112102302 |
| 3                   | 1                | -           | -           | -           | -           | 81112103101 | 81112103201 | 81112103301 |
|                     | 2                | 81113103402 | 81114103502 | 81115103602 | 81117103702 | 81112103102 | 81112103202 | 81112103302 |

TIGHT BUFFER

Drop Cable SM  
Round Jacket for  
FTTx

Cable of 2 fibers with 0,9mm SM tight buffer and LSZH for Indoor applications. Each buffer is identified with a different colour (green and red). It's a easy cable to work with, regarding organization and conectorization. With strenght members in Polyester and Aramid.

**ARAMID CABLE** • ISO/IEC 11801; • EN 50173-1; • EN50575; • IEC 60794-2-20; • IEC 60332-1-2; • EN 50399; • ANSI/TIA-568-D; • ITU G657; • EN 60793-2; • EN 60794-1-1.

**POLYESTER CABLE** • ISO/IEC 11801; • EN 50173-1; • EN50575; • ANSI/TIA-568-D; • ITU G657.

CPR POLYESTER

ECA

CPR ARAMID

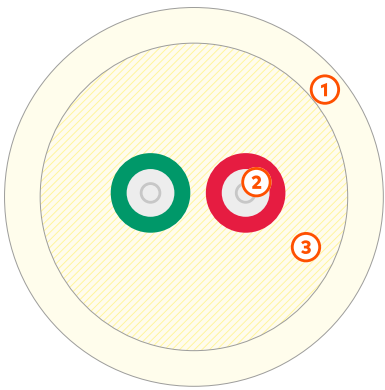
Dca-s1a,d0,a1

LSZH

LSZH

25 YEARS WARRANTY

In this cable we do not have the service of cut to measure.



- 1 Outer Jacket
- 2 Tight buffered, 900µm, G657A2
- 3 Strength Member (Aramid or Polyester)

SPECIFICATIONS

| Limits                             |              |                 |
|------------------------------------|--------------|-----------------|
| Strenght Member                    | Aramid Yarns | Polyester Yarns |
| Tensile Strength (Dynamic) - (N)   | 500          | 150             |
| Tensile Strength (Permanent) - (N) | 250          | 80              |

LOGISTIC INFORMATION

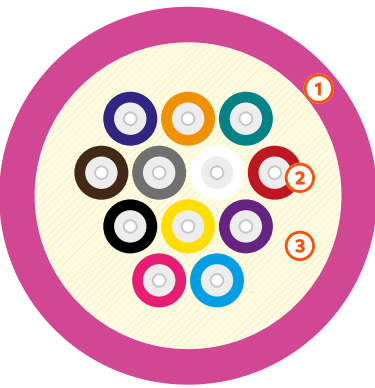
| Strenght Member     |                    |                       |
|---------------------|--------------------|-----------------------|
|                     | Aramid Yarns - DCA | Polyester Yarns - ECA |
| Reel of 2000m       | 81116115202        | 81116114202           |
| Reel in box of 500m | 81116115202BX      | 81116114202BX         |

LOOSE TUBE

2,0mm Data Center  
Cable for MPO  
Patch Cord

The barpa Data Center Cable  
are perfect for MPO patch  
cords and assemblies. For  
Multifiber connectors.

- EN 50173-5; • IEC 60794-2-20; • ISO/IEC 24764;
- IEC 60332-1-2; • IEC 60332-3-24; • IEC 60754-1;
- IEC 60754-2; • IEC 61034.



- 1 Outer Jacket
- 2 Primary Coated Fiber, 250 µm
- 3 Strength Member

SPECIFICATIONS

|                                                    | Limits |
|----------------------------------------------------|--------|
| Number of Fibers                                   | 12     |
| Tensile Strength (Long Term) - (N)                 | 220    |
| Tensile Strength (Short Term - Installation) - (N) | 110    |

LOGISTIC INFORMATION

|            | Number of Fibers |
|------------|------------------|
|            | 12               |
| OM4        | 81115301612C1    |
| OS2 G657A2 | 81112301212C1    |

LOOSE TUBE

Unitube Cable  
with Glass Yarns  
1200N – LSZH

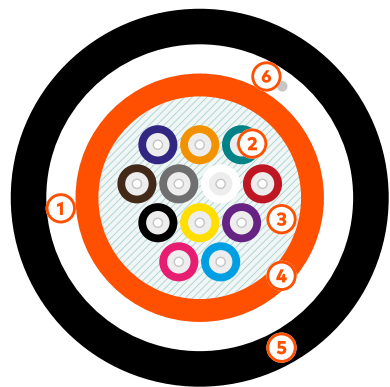
Indoor, outdoor and duct type applications. Easy and fast installation due to its small diameter and light construction. Suitable for pushing, blowing method. Problem-free use in power lines due to its nonmetallic construction. In network systems, MAN, WAN, LAN applications. Rodent protection.

- ISO/IEC 11801; • EN 50173-1; • EN50575; • IEC 60794-2;
- IEC 60332-1-2; • IEC 60754-[1,2]; • IEC 61034-2;
- ANSI/TIA-568-C; • ITU G652; • ITU G657; • IEC 60793-2-50;
- IEC 60793-2-10; •IEC 60794-1-21; • IEC 60794-1-22;
- EN 50399



For different CPR levels please specify in your request.

Delivery length can be tailored under requests of the client.



- 1 Strength Member
- 2 Colored Coating Fiber
- 3 Filling Gel
- 4 Loose Tube
- 5 Outer Jacket
- 6 Rip-Cord

SPECIFICATIONS

|                                                    |                       | Limits |
|----------------------------------------------------|-----------------------|--------|
| Tensile Strength (Short Term - Installation) - (N) |                       | 1200   |
| Crush (N/10cm)                                     |                       | 1500   |
| Cable Diameter (mm)                                | 2, 4, 6, 8, 12 fibers | 7.1    |
|                                                    | 24 fibers             | 8.0    |
| Impact (Nm)                                        |                       | 10     |

LOGISTIC INFORMATION

|            | Number of Fibers |               |               |               |               |               |
|------------|------------------|---------------|---------------|---------------|---------------|---------------|
|            | 2                | 4             | 6             | 8             | 12            | 24            |
| OM3        | 81111222502D1    | 81111222504D1 | 81111222506D1 | 81111222508D1 | 81111222512D1 | 81111222524D1 |
| OM4        | 81111222602D1    | 81111222604D1 | 81111222606D1 | 81111222608D1 | 81111222612D1 | 81111222624D1 |
| OS2 G652D  | 81111222102D1    | 81111222104D1 | 81111222106D1 | 81111222108D1 | 81111222112D1 | 81111222124D1 |
| OS2 G657A2 | 81111222202D1    | 81111222204D1 | 81111222206D1 | 81111222208D1 | 81111222212D1 | 81111222224D1 |

LOOSE TUBE

Unitube Cable  
with Glass Yarns  
3000N – LSZH

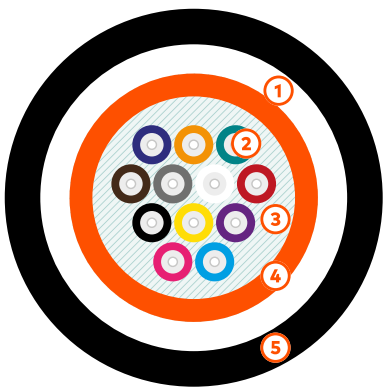
For indoor and limited outdoor installations. Mostly used in building and campus backbone applications. With a degree of rodent protection, effective in many cases.

- ISO/IEC 11801; • EN 50173-1; • EN50575;
- IEC 60794-2; • IEC 60332-1-[1,2]; • IEC 60754-[1,2];
- IEC 61034-[1,2]; • ANSI/TIA-568-C; • ITU G652;
- ITU G657.



Demonstrative 12 fiber cable.

**DCA** - with D1 at the end of the code.  
**ECA** - without D1 at the end of the code.  
Available in different CPR class. Please specify in your request. 2km in reel. Colors, sizes and special configurations available upon confirmation.



- 1 Strength Member
- 2 Colored Coating Fiber
- 3 Filling Gel
- 4 Loose Tube
- 5 Outer Jacket

SPECIFICATIONS

|                                                    | CPR Dca - Limits | CPR Eca - Limits                    |
|----------------------------------------------------|------------------|-------------------------------------|
| Tensile Strength (Short Term - Installation) - (N) | 3000             | 1500                                |
| Crush (N/10cm)                                     | 3500             | 2000                                |
| Cable Diameter (mm)                                | 7.3              | 2 - 16 fibers: 7.5 / 24 fibers: 8.0 |
| Nominal Cable Weight (kg/km)                       | 55               | 2 - 16 fibers: 55 / 24 fibers: 60   |

LOGISTIC INFORMATION

|            | Number of Fibers |             |             |             |             |             |
|------------|------------------|-------------|-------------|-------------|-------------|-------------|
|            | 2                | 4           | 6           | 8           | 12          | 24          |
| OM2        | 81111211402      | 81111211404 | 81111211406 | 81111211408 | 81111211412 | 81111211424 |
| OM3        | 81111211502      | 81111211504 | 81111211506 | 81111211508 | 81111211512 | 81111211524 |
| OM4        | 81111211602      | 81111211604 | 81111211606 | 81111211608 | 81111211612 | 81111211624 |
| OS2 G652D  | 81111211102      | 81111211104 | 81111211106 | 81111211108 | 81111211112 | 81111211124 |
| OS2 G657A2 | 81111211202      | 81111211204 | 81111211206 | 81111211208 | 81111211212 | 81111211224 |

LOOSE TUBE

Multitube Cable  
with Glass Yarn  
5000N – LSZH

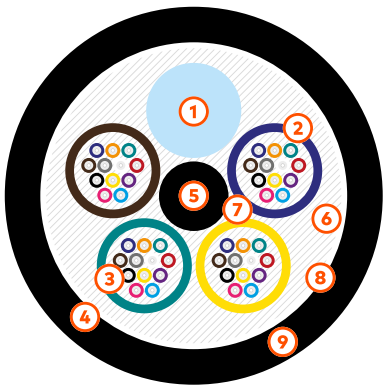
For indoor and outdoor installations. Mostly used in building and campus backbone applications. With a degree of rodent protection, effective in several cases.

- ISO/IEC 11801; • EN 50173-1; • EN50575;
- IEC 60794-2; • IEC 60332-1-[1,2]; •IEC 60754-[1,2];
- IEC 61034-[1,2]; • ANSI/TIA-568-C; • ITU G652;
- ITU G657.



Demonstrative 48 fiber cable.

**DCA** - with D1 at the end of the code.  
**ECA** - without D1 at the end of the code.  
Available in different CPR class. Please specify in your request. 2km in reel. Colors, sizes and special configurations available upon confirmation.



- 1 Filler

2 Loose Tube

3 Colored Coating Fiber

4 Filling Gel

5 Central Strength Member

6 Waterproof tape
- 7 Rip-Colord

8 Glass Yarns

9 Outer Jacket

SPECIFICATIONS

|                                                    | CPR Dca - Limits |      | CPR Eca - Limits |      |
|----------------------------------------------------|------------------|------|------------------|------|
|                                                    | 48               | 96   | 48               | 96   |
| Tensile Strength (Short Term - Installation) - (N) | 5000             | 5000 | 5000             | 5000 |
| Crush (N/10cm)                                     | 2500             | 2500 | 3000             | 3000 |
| Cable Diameter (mm)                                | 11.2             | 12.8 | 11.5             | 13   |
| Nominal Cable Weight (kg/km)                       | 127              | 167  | 105              | 165  |

LOGISTIC INFORMATION

|            | Number of Fibers |             |
|------------|------------------|-------------|
|            | 48               | 96          |
| OM3        | 81111205548      | 81111205596 |
| OM4        | 81111205648      | 81111205696 |
| OS2 G652D  | 81111205148      | 81111205196 |
| OS2 G657A2 | 81111205248      | 81111205296 |

LOOSE TUBE

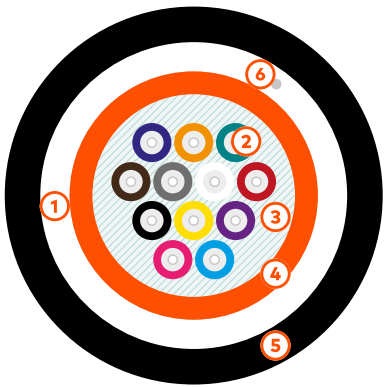
Unitube Cable  
with Glass Yarn  
1200N – PE

For outdoor installations.  
Easy and fast installation  
due to its small diameter and  
light construction. Suitable  
for pushing, blowing method.  
Problem-free use in power  
lines due to its non-metallic  
construction. Mostly used in  
campus backbone applications.  
In network systems, MAN, WAN,  
LAN applications. With a degree  
of rodent protection, effective in  
many cases.

- ISO/IEC 11801; • EN 50173-1; • IEC 60794-1;
- IEC 60793-2-50; • IEC 60793-2-10; • IEC 60794-1-21;
- IEC 60794-1-22;



Delivery length can be tailored under requests of the client.



- 1 Strength Member
- 2 Colored Coating Fiber
- 3 Filling Gel
- 4 Loose Tube
- 5 Outer Jacket
- 6 Rip-Cord

SPECIFICATIONS

|                                                    |                       | Limits |
|----------------------------------------------------|-----------------------|--------|
| Tensile Strength (Short Term - Installation) - (N) |                       | 1200   |
| Crush (N/10cm)                                     |                       | 1500   |
| Cable Diameter (mm)                                | 2, 4, 6, 8, 12 fibers | 7.1    |
|                                                    | 24 fibers             | 8.0    |
| Impact (Nm)                                        |                       | 10     |

LOGISTIC INFORMATION

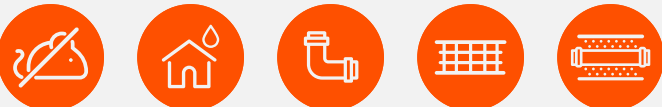
|            | Number of Fibers |             |             |             |             |             |
|------------|------------------|-------------|-------------|-------------|-------------|-------------|
|            | 2                | 4           | 6           | 8           | 12          | 24          |
| OM3        | 81121222502      | 81121222504 | 81121222506 | 81121222508 | 81121222512 | 81121222524 |
| OM4        | 81121222602      | 81121222604 | 81121222606 | 81121222608 | 81121222612 | 81121222624 |
| OS2 G652D  | 81121222102      | 81121222104 | 81121222106 | 81121222108 | 81121222112 | 81121222124 |
| OS2 G657A2 | 81121222202      | 81121222204 | 81121222206 | 81121222208 | 81121222212 | 81121222224 |

LOOSE TUBE

Unitube Cable  
with Glass Yarn  
3000N – PE

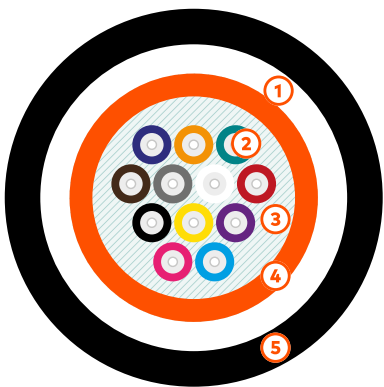
For outdoor installations.  
Mostly used in building  
and campus backbone  
applications.  
With a degree of rodent  
protection, effective in several  
cases.

• ISO/IEC 11801; • EN 50173-1; • IEC 60794-2



Demonstrative 48 fiber cable.

Reels of 2km. Non standards colors, lengths &  
configurations available on request.



- 1 Glass Yarns
- 2 Colored Coating Fiber
- 3 Filling Gel
- 4 Loose Tube
- 5 Outer Jacket

SPECIFICATIONS

|                                                    | Limits |
|----------------------------------------------------|--------|
| Tensile Strength (Short Term - Installation) - (N) | 3000   |
| Crush (N/10cm)                                     | 2000   |
| Cable Diameter (mm)                                | 6.7    |
| Nominal Cable Weight (kg/km)                       | 40     |

LOGISTIC INFORMATION

|           | Number of Fibers |             |             |             |             |             |
|-----------|------------------|-------------|-------------|-------------|-------------|-------------|
|           | 2                | 4           | 6           | 8           | 12          | 24          |
| OM3       | 81121211502      | 81121211504 | 81121211506 | 81121211508 | 81121211512 | 81121211524 |
| OM4       | 81121211602      | 81121211604 | 81121211606 | 81121211608 | 81121211612 | 81121211624 |
| OS2 G652D | 81121211102      | 81121211104 | 81121211106 | 81121211108 | 81121211112 | 81121211124 |

LOOSE TUBE

Loose Tube Multi-tube Glass Cable 5000N – PE

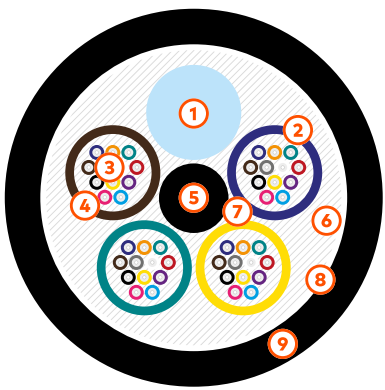
For outdoor installations. Mostly used in building and campus backbone applications. With a degree of rodent protection, effective in many cases.

- ISO/IEC 11801; • EN 50173-1; • IEC 60794-3;
- EN 187 000; • IEC 60794-3-10; • IEC 60794-3-12
- IEC 60794-3-12; • IEC 60793-2-50; • IEC 60793-2-10;
- IEC 60794-1-21; IEC 60794-1-22.



Demonstrative 48 fiber cable.

Reels of 2km. Non standards colors, lengths & configurations available on request.



- 1 Filler

2 Loose Tube

3 Colored Coating Fiber

4 Filling Gel

5 Central Strength Member

6 Waterproof tape
- 7 Rip-Colord

8 Glass Yarns

9 Outer Jacket

SPECIFICATIONS

|                                                    | Limits |      |
|----------------------------------------------------|--------|------|
|                                                    | 48     | 96   |
| Tensile Strength (Short Term - Installation) - (N) | 5000   | 5000 |
| Crush (N/10cm)                                     | 3000   | 3000 |
| Cable Diameter (mm)                                | 11     | 13   |
| Nominal Cable Weight (kg/km)                       | 103    | 140  |

LOGISTIC INFORMATION

|           | Number of Fibers |             |
|-----------|------------------|-------------|
|           | 48               | 96          |
| OS2 G652D | 81121205148      | 81121205196 |

LOOSE TUBE

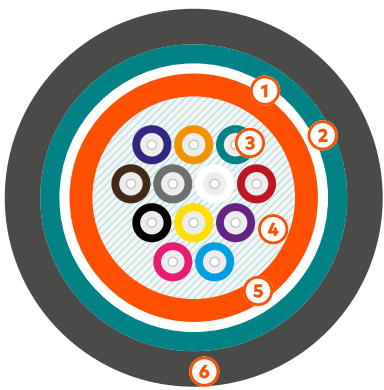
Unitube Cable with  
Corrugated Steel  
3000N – LSZH

For indoor/outdoor mixed installations. Mostly used in building and campus backbone applications. Rodent proof, characterised by the addiction of colorrugated steel.

- ISO/IEC 11801; • EN 50173-1; • EN50575;
- IEC 60794-1; • IEC 60332-1-[1,2]; • IEC 60754-[1,2];
- IEC 61034-[1,2].



**DCA** - with D1 at the end of the code.  
**ECA** - without D1 at the end of the code.  
Available in different CPR class. Please specify in your request. 2km in reel. Colors, sizes and special configurations available upon confirmation.



- 1 Glass Yarns
- 2 Colorrugated Steel
- 3 Colored Coating Fiber
- 4 Filling Gel
- 5 Loose Tube
- 6 Outer Jacket

SPECIFICATIONS

|                                                    | Limits |
|----------------------------------------------------|--------|
| Tensile Strength (Short Term - Installation) - (N) | 3000   |
| Crush (N/10cm)                                     | 2200   |
| Cable Diameter (mm)                                | 8.5    |
| Nominal Cable Weight (kg/km)                       | 75     |

LOGISTIC INFORMATION

|            | Number of Fibers |             |             |             |             |             |
|------------|------------------|-------------|-------------|-------------|-------------|-------------|
|            | 2                | 4           | 6           | 8           | 12          | 24          |
| OM3        | 81111212502      | 81111212504 | 81111212506 | 81111212508 | 81111212512 | 81111212524 |
| OM4        | 81111212602      | 81111212604 | 81111212606 | 81111212608 | 81111212612 | 81111212624 |
| OS2 G652D  | 81111212102      | 81111212104 | 81111212106 | 81111212108 | 81111212112 | 81111212124 |
| OS2 G657A2 | 81111212202      | 81111212204 | 81111212206 | 81111212208 | 81111212212 | 81111212224 |

LOOSE TUBE

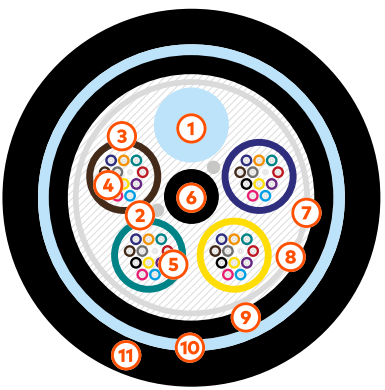
Multitube Cable  
with Corrugated  
Steel 1800N – Double  
Sheath – LSZH

For indoor and/or outdoor  
installations. Mostly used in  
telecom trunk lines, CATV  
trunk lines. For direct burial  
and for cases of high risk of  
rodent attacks.

• EN 187 000; • IEC 60794-3; • IEC 60794-3-10;  
• IEC 60794-3-12; • ISO 11801; • EN 50 173-1.



Demonstrative 48 fiber cable.



- 1

 Filler
- 2

 Water-blocking Yarn
- 3

 Loose Tube
- 4

 Colored Coating Fiber
- 5

 Filling Gel
- 6

 Central Strenght Member

7

 Waterproof Tape

8

 Binding Yarn

9

 Inner Jacket

10

 Colorrugated Steel

11

 Outer Jacket

SPECIFICATIONS

|                                                    | Limits |      |      |      |
|----------------------------------------------------|--------|------|------|------|
|                                                    | 48     | 60   | 96   | 144  |
| Tensile Strength (Short Term - Installation) - (N) | 1800   |      |      |      |
| Crush (N/10cm)                                     | 3000   |      |      |      |
| Cable Diameter (mm)                                | 14.5   | 14.5 | 14.5 | 19.5 |
| Nominal Cable Weight (kg/km)                       | 265    | 265  | 255  | 445  |

LOGISTIC INFORMATION

|           | Number of Fibers |             |             |              |
|-----------|------------------|-------------|-------------|--------------|
|           | 48               | 60          | 96          | 144          |
| OM3       | 81111206548      | 81111206560 | 81111206596 | 811112065144 |
| OM4       | 81111206648      | 81111206660 | 81111206696 | 811112066144 |
| OS2 G652D | 81111206148      | 81111206160 | 81111206196 | 811112061144 |

LOOSE TUBE

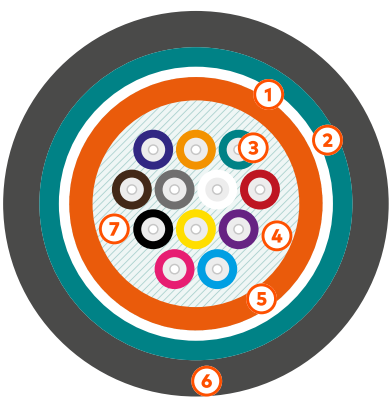
Unitube Cable with  
Corrugated Steel  
1200N – PE

For outdoor installations.  
Mostly used in campus  
backbone applications. Rodent  
proof, characterized by the  
addition of Corrugated Steel.

• ISO/IEC 11801 • IEC 60794-1 • IEC 60794-1-21  
• IEC 60794-1-22 • EN 60794-3-12



Delivery length can be tailored under requests of  
the client.



- 1 Glass Yarns
- 2 Corrugated Steel
- 3 Colored Coating Fiber
- 4 Filling Gel
- 5 Loose Tube
- 6 Outer Jacket
- 7 Ripcord

SPECIFICATIONS

|                                                    |                       | Limits |
|----------------------------------------------------|-----------------------|--------|
| Tensile Strength (Short Term - Installation) - (N) |                       | 1200   |
| Crush (N/10cm)                                     |                       | 1500   |
| Cable Diameter (mm)                                | 2, 4, 6, 8, 12 fibers | 2.8    |
|                                                    | 24 fibers             | 3.8    |
| Nominal Cable Weight (kg/km)                       | 2, 4, 6, 8, 12 fibers | 71     |
|                                                    | 24 fibers             | 91     |

LOGISTIC INFORMATION

|           | Number of Fibers |             |             |             |             |             |
|-----------|------------------|-------------|-------------|-------------|-------------|-------------|
|           | 2                | 4           | 6           | 8           | 12          | 24          |
| OS2 G652D | 81121226102      | 81121226104 | 81121226106 | 81121226108 | 81121226112 | 81121226124 |
| OM3       | 81121226502      | 81121226504 | 81121226506 | 81121226508 | 81121226512 | 81121226524 |
| OM4       | 81121226602      | 81121226604 | 81121226606 | 81121226608 | 81121226612 | 81121226624 |

LOOSE TUBE

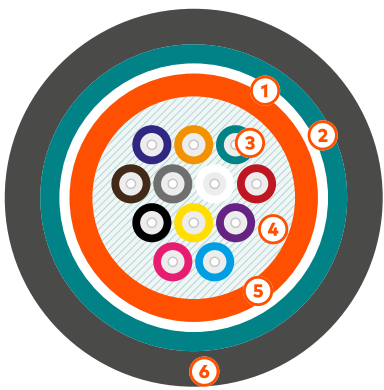
Unitube Cable with  
Corrugated Steel  
3000N – PE

For indoor/outdoor mixed installations. Mostly used in building and campus backbone applications. Rodent proof, characterised by the addition of Colorrugated Steel.

• ISO/IEC 11801; • EN 50173-1; • IEC 60794-1.



Reels of 2km. Non standards colors, lengths & configurations available on request.



- 1 Glass Yarns
- 2 Colorrugated Steel
- 3 Colored Coating Fiber
- 4 Filling Gel
- 5 Loose Tube
- 6 Outer Jacket

SPECIFICATIONS

|                                                    | Limits |
|----------------------------------------------------|--------|
| Tensile Strength (Short Term - Installation) - (N) | 3000   |
| Crush (N/10cm)                                     | 2200   |
| Cable Diameter (mm)                                | 8.5    |
| Nominal Cable Weight (kg/km)                       | 75     |

LOGISTIC INFORMATION

|           | Number of Fibers |             |             |             |             |             |
|-----------|------------------|-------------|-------------|-------------|-------------|-------------|
|           | 2                | 4           | 6           | 8           | 12          | 24          |
| OM3       | 81121212502      | 81121212504 | 81121212506 | 81121212508 | 81121212512 | 81121212524 |
| OM4       | 81121212602      | 81121212604 | 81121212606 | 81121212608 | 81121212612 | 81121212624 |
| OS2 G652D | 81121212102      | 81121212104 | 81121212106 | 81121212108 | 81121212112 | 81121212124 |

LOOSE TUBE

Multitube Cable  
with Corrugated  
Steel 1800N – Double  
Sheath – PE

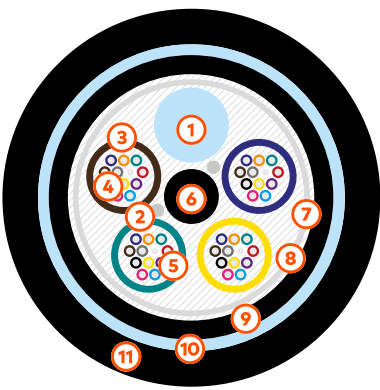
For outdoor installations.  
Mostly used in telecom trunk  
lines, CATV trunk lines.  
It is used underground and  
the corrugated steel provides  
the cable with greater rodent  
resistance.

• EN 187 000; • IEC 60794-3; • IEC 60794-3-10;  
• IEC 60794-3-12; • ISO 11801; • EN 50 173-1.





2km in reel. Colors, sizes and special configurations  
available upon confirmation.



- 1 Filler

2 Water-blocking Yarn

3 Loose Tube

4 Colored Coating Fiber

5 Filling Gel

6 Central Strenght Member
- 7 Waterproof Tape

8 Binding Yarn

9 Inner Jacket

10 Colorrugated Steel

11 Outer Jacket

SPECIFICATIONS

|                                                    | Limits |
|----------------------------------------------------|--------|
| Tensile Strength (Short Term - Installation) - (N) | 1800   |
| Crush (N/10cm)                                     | 3000   |
| Cable Diameter (mm)                                | 14.5   |
| Nominal Cable Weight (kg/km)                       | 195    |

LOGISTIC INFORMATION

|           | Number of Fibers |             |             |              |
|-----------|------------------|-------------|-------------|--------------|
|           | 48               | 60          | 96          | 144          |
| OM3       | 81121207548      | 81121207560 | 81121207596 | 811212075144 |
| OM4       | 81121207648      | 81121207660 | 81121207696 | 811212076144 |
| OS2 G652D | 81121207148      | 81121207160 | 81121207196 | 811212071144 |

PATCH CORD

OS2 G652D

High performance and strong design. High quality connectors; Individually packed. Available with yellow outer jacket. Dust protection caps and cable boots included. Duplex clip in SC, LC and E2000 connector, ST and FC connector without clip.

- ISO/IEC 11801; • EN 50173-1; • IEC 61754-1;
- IEC 61753-1; • IEC 61300.



Non standards colors, lengths & configurations available on request.

PATCH CORD

OS2 G657A2  
Staggered on One Side

High performance and strong design, these patch cords are staggered on one side for easy installation. High quality connectors. Individually packed. Available with yellow outer jacket. Dust protection caps and cable boots included, both green. Duplex clip in SC.

- ISO/IEC 11801 • EN 50173-1 • IEC 61754-20 • IEC 61753-1
- IEC 61300 • EN 60794-1-1 • EN 60793-2-50 • RoHS



Non standards colors, lengths & configurations available on request.

SPECIFICATIONS

|                     | ST | SC     | LC | SC/APC | E2000/APC |
|---------------------|----|--------|----|--------|-----------|
| Insertion Loss (dB) |    | < 0.2  |    |        |           |
| Outer Diameter (mm) |    | 2.00x2 |    |        |           |
| Outer Sheath Color  |    | Yellow |    |        |           |

PART NUMBER BREAKDOWN - ORDER INFORMATION

81212AA BB MM

| 1° CONNECTOR | AA | 2° CONNECTOR | BB | METERS | MM |
|--------------|----|--------------|----|--------|----|
| SC           | 02 | SC/APC       | 01 | 1      | 01 |
| ST           | 03 | SC           | 02 | 2      | 02 |
| LC           | 05 | ST           | 03 | 3      | 03 |
| E2000/APC    | 07 | LC           | 05 |        |    |
|              |    | E2000/APC    | 07 |        |    |

SPECIFICATIONS

|                     | SC/APC |
|---------------------|--------|
| Insertion Loss (dB) | < 0.2  |
| Outer Diameter (mm) | 3,00x2 |
| Outer Sheath Color  | Yellow |

PART NUMBER BREAKDOWN - ORDER INFORMATION

812820101MM

| METERS | 1  | 2  | 3  | 5  | 10 | 12 | 15 | 20 | 25 | 30 | 40 | 50 |
|--------|----|----|----|----|----|----|----|----|----|----|----|----|
| MM     | 01 | 02 | 03 | 05 | 10 | 12 | 15 | 20 | 25 | 30 | 40 | 50 |

PATCH CORD

OM1 62.5/125

High performance and strong design. High quality connectors. Individually packed. Available with orange outer jacket. Dust protection caps and cable boots included, one black and the other red. Duplex clip in SC and LC connector, ST connector without clip.

- ISO/IEC 11801; • EN 50173-1; • IEC 61754-1;
- IEC 61753-1; • IEC 61300.



Non standards colors, lengths & configurations available on request.

PATCH CORD

OM2 50/125

High performance and strong design. High quality connectors. Individually packed. Available with orange outer jacket. Dust protection caps and cable boots included, one black and the other red. Duplex clip in SC and LC connector, ST connector without clip.

- ISO/IEC 11801; • EN 50173-1; • IEC 61754-1;
- IEC 61753-1; • IEC 61300.



Non standards colors, lengths & configurations available on request.

SPECIFICATIONS

|                     | ST | SC     | LC |
|---------------------|----|--------|----|
| Insertion Loss (dB) |    | ≤ 0.15 |    |
| Outer Diameter (mm) |    | 2.00x2 |    |
| Outer Sheath Color  |    | Orange |    |

PART NUMBER BREAKDOWN - ORDER INFORMATION

8 1 2 3 2 A A B B M M

| 1° CONNECTOR | A A | 2° CONNECTOR | B B | METERS | M M |
|--------------|-----|--------------|-----|--------|-----|
| SC           | 0 2 | SC           | 0 2 | 1      | 0 1 |
| ST           | 0 3 | ST           | 0 3 | 2      | 0 2 |
| LC           | 0 5 | LC           | 0 5 | 3      | 0 3 |

SPECIFICATIONS

|                     | ST | SC     | LC |
|---------------------|----|--------|----|
| Insertion Loss (dB) |    | ≤ 0.15 |    |
| Outer Diameter (mm) |    | 2.00x2 |    |
| Outer Sheath Color  |    | Orange |    |

PART NUMBER BREAKDOWN - ORDER INFORMATION

8 1 2 4 2 A A B B M M

| 1° CONNECTOR | A A | 2° CONNECTOR | B B | METERS | M M |
|--------------|-----|--------------|-----|--------|-----|
| SC           | 0 2 | SC           | 0 2 | 1      | 0 1 |
| ST           | 0 3 | ST           | 0 3 | 2      | 0 2 |
| LC           | 0 5 | LC           | 0 5 | 3      | 0 3 |

PATCH CORD

OM3 50/125

High performance and strong design. High quality connectors. Individually packed. Available with orange outer jacket. Dust protection caps and cable boots included, one black and the other red. Duplex clip in SC and LC connector, ST connector without clip.

- ISO/IEC 11801; • EN 50173-1; • IEC 61754-1;
- IEC 61753-1; • IEC 61300.



Non standards colors, lengths & configurations available on request.

PATCH CORD

OM4 50/125

High performance and strong design. High quality connectors. Individually packed. Available with purple outer jacket. Dust protection caps and cable boots included, one black and the other red. Duplex clip in SC and LC connector.

- ISO/IEC 11801; • EN 50173-1; • IEC 61754-1;
- IEC 61753-1; • IEC 61300.



Non standards colors, lengths & configurations available on request.

SPECIFICATIONS

|                     | ST | SC     | LC |
|---------------------|----|--------|----|
| Insertion Loss (dB) |    | ≤ 0.15 |    |
| Outer Diameter (mm) |    | 2.00x2 |    |
| Outer Sheath Color  |    | Aqua   |    |

PART NUMBER BREAKDOWN - ORDER INFORMATION

8 1 2 5 2 A A B B M M

| 1° CONNECTOR | A A | 2° CONNECTOR | B B | METERS | M M |
|--------------|-----|--------------|-----|--------|-----|
| SC           | 0 2 | SC           | 0 2 | 1      | 0 1 |
| ST           | 0 3 | ST           | 0 3 | 2      | 0 2 |
| LC           | 0 5 | LC           | 0 5 | 3      | 0 3 |

SPECIFICATIONS

|                     | SC | LC     |
|---------------------|----|--------|
| Insertion Loss (dB) |    | ≤ 0.15 |
| Outer Diameter (mm) |    | 2.00x2 |
| Outer Sheath Color  |    | Purple |

PART NUMBER BREAKDOWN - ORDER INFORMATION

8 1 2 6 2 A A B B M M

| 1° CONNECTOR | A A | 2° CONNECTOR | B B | METERS | M M |
|--------------|-----|--------------|-----|--------|-----|
| SC           | 0 2 | SC           | 0 2 | 1      | 0 1 |
| LC           | 0 5 | LC           | 0 5 | 2      | 0 2 |
|              |     |              |     | 3      | 0 3 |

PATCH CORD

OM5 50/125

High performance and strong design. High quality connectors. Individually packed. Available with lime green outer jacket. Dust protection caps and cable boots included, one black and the other red. Duplex clip in SC and LC connector.

- ISO/IEC 11801; • EN 50173-1; • IEC 61754-1;
- IEC 61753-1; • IEC 61300.



Non standards colors, lengths & configurations available on request.

It's possible to make a configuration to your needs, contact our support team.



SPECIFICATIONS

|                     | SC         | LC |
|---------------------|------------|----|
| Insertion Loss (dB) | < 0.2      |    |
| Outer Diameter (mm) | 2.00x2     |    |
| Outer Sheath Color  | Green Lime |    |

CUSTOMIZATION - HIGGS BY BARPA

|                                                              |
|--------------------------------------------------------------|
| You can order this customized, what you need to consider     |
| Choose the cable length you want                             |
| Choose which type of connector you need (SC or LC connector) |

PIGTAIL

OS2 G652D

barpa Singlemode Simplex Fiber Optic Pigtail provides a fast way to make factory terminations in the field, which can easily be fusion or mechanically spliced in a protective case to an existing fiber. Produced from the highest quality optical fiber using LSZH cable jacket, terminated with ceramic ferrule connector assuring a high transmission quality.

- ISO/IEC 11801; • EN 50173-1; • IEC 61754-1;
- IEC 61753-1; • IEC 61300.



Non standards colors, lengths & configurations available on request.

It's possible to make a configuration to your needs, contact our support team.

SPECIFICATIONS

|                     | ST | SC | SC/APC | FC     | LC/APC | E2000/APC | LC |
|---------------------|----|----|--------|--------|--------|-----------|----|
| Insertion Loss (dB) |    |    |        | < 0.2  |        |           |    |
| Outer Diameter (mm) |    |    |        | 0.9    |        |           |    |
| Outer Sheath Color  |    |    |        | Yellow |        |           |    |

LOGISTIC INFORMATION

| Box         |                             |           |             |                 |               |
|-------------|-----------------------------|-----------|-------------|-----------------|---------------|
| Code        | Description                 | Connector | Length (mm) | Dimensions (mm) | Quantity (un) |
| 81303101010 | Pigtail OS2 G652D ST        | ST        | 1.5         | 220x220x225     | 200           |
| 81302101010 | Pigtail OS2 G652D SC        | SC        |             |                 |               |
| 81301101010 | Pigtail OS2 G652D SC/APC    | SC/APC    |             |                 |               |
| 81306101010 | Pigtail OS2 G652D FC        | FC        |             |                 |               |
| 81304101010 | Pigtail OS2 G652D LC/APC    | LC/APC    |             |                 |               |
| 81310701010 | Pigtail OS2 G652D E2000/APC | E2000/APC |             |                 |               |
| 81305101010 | Pigtail OS2 G652D LC        | LC        |             |                 |               |

PIGTAIL

OS2 G657A2

barpa Singlemode Simplex Fiber Optic Pigtail provides a fast way to make factory terminations in the field, which can easily be fusion or mechanically spliced in a protective case to an existing fiber. Produced from the highest quality optical fiber using LSZH cable jacket, terminated with ceramic ferrule connector assuring a high transmission quality.

- ISO/IEC 11801; • EN 50173-1; • IEC 61754-1;
- IEC 61753-1; • IEC 61300.



Non standards colors, lengths & configurations available on request.

It's possible to make a configuration to your needs, contact our support team.

SPECIFICATIONS

|                     | ST     | SC | SC/APC | FC | LC/APC | LC |
|---------------------|--------|----|--------|----|--------|----|
| Insertion Loss (dB) | < 0.2  |    |        |    |        |    |
| Outer Diameter (mm) | 0.9    |    |        |    |        |    |
| Outer Sheath Color  | Yellow |    |        |    |        |    |

LOGISTIC INFORMATION

| Box         |                           |           |             |                 |               |
|-------------|---------------------------|-----------|-------------|-----------------|---------------|
| Code        | Description               | Connector | Length (mm) | Dimensions (mm) | Quantity (un) |
| 81303102010 | Pigtail OS2 G657A2 ST     | ST        | 1.5         | 220x220x225     | 200           |
| 81302102010 | Pigtail OS2 G657A2 SC     | SC        |             |                 |               |
| 81301102010 | Pigtail OS2 G657A2 SC/APC | SC/APC    |             |                 |               |
| 81306102010 | Pigtail OS2 G657A2 FC     | FC        |             |                 |               |
| 81304102010 | Pigtail OS2 G657A2 LC/APC | LC/APC    |             |                 |               |
| 81305102010 | Pigtail OS2 G657A2 LC     | LC        |             |                 |               |

PIGTAIL

OS2 G657B3

barpa Singlemode Simplex Fiber Optic Pigtail provides a fast way to make factory terminations in the field, which can easily be fusion or mechanically spliced in a protective case to an existing fiber. Produced from the highest quality optical fiber using LSZH cable jacket, terminated with ceramic ferrule connector assuring a high transmission quality.

- ISO/IEC 11801; • EN 50173-1; • IEC 61754-1;
- IEC 61753-1; • IEC 61300.



Non standards colors, lengths & configurations available on request.



It's possible to make a configuration to your needs, contact our support team.

SPECIFICATIONS

|                     | ST     | SC | SC/APC | FC | LC |
|---------------------|--------|----|--------|----|----|
| Insertion Loss (dB) | < 0.2  |    |        |    |    |
| Outer Diameter (mm) | 0.9    |    |        |    |    |
| Outer Sheath Color  | Yellow |    |        |    |    |

LOGISTIC INFORMATION

| Box         |                           |           |             |                 |               |
|-------------|---------------------------|-----------|-------------|-----------------|---------------|
| Code        | Description               | Connector | Length (mm) | Dimensions (mm) | Quantity (un) |
| 81303107010 | Pigtail OS2 G657B3 ST     | ST        | 1.5         | 220x220x225     | 200           |
| 81302107010 | Pigtail OS2 G657B3 SC     | SC        |             |                 |               |
| 81301107010 | Pigtail OS2 G657B3 SC/APC | SC/APC    |             |                 |               |
| 81306107010 | Pigtail OS2 G657B3 FC     | FC        |             |                 |               |
| 81305107010 | Pigtail OS2 G657B3 LC     | LC        |             |                 |               |

PIGTAIL

OM1 62.5/125

barpa Multimode Simplex Fiber Optic Pigtail provides a fast way to make factory terminations in the field, which can easily be fusion or mechanically spliced in a protective case to an existing fiber. Produced from the highest quality optical fiber using LSZH cable jacket, terminated with ceramic ferrule connector assuring a high transmission quality.

- ISO/IEC 11801; • EN 50173-1; • IEC 61754-1;
- IEC 61753-1; • IEC 61300.



Non standards colors, lengths & configurations available on request.

SPECIFICATIONS

|                     | ST | SC     | LC |
|---------------------|----|--------|----|
| Insertion Loss (dB) |    | < 0.2  |    |
| Outer Diameter (mm) |    | 0.9    |    |
| Outer Sheath Color  |    | Orange |    |

LOGISTIC INFORMATION

| Box         |                |           |             |                 |               |
|-------------|----------------|-----------|-------------|-----------------|---------------|
| Code        | Description    | Connector | Length (mm) | Dimensions (mm) | Quantity (un) |
| 81303103020 | Pigtail OM1 ST | ST        | 1.5         | 220x220x225     | 200           |
| 81302103020 | Pigtail OM1 SC | SC        |             |                 |               |
| 81305103020 | Pigtail OM1 LC | LC        |             |                 |               |

PIGTAIL

OM2 50/125

barpa Multimode Simplex Fiber Optic Pigtail provides a fast way to make factory terminations in the field, which can easily be fusion or mechanically spliced in a protective case to an existing fiber. Produced from the highest quality optical fiber using LSZH cable jacket, terminated with ceramic ferrule connector assuring a high transmission quality.

- ISO/IEC 11801; • EN 50173-1; • IEC 61754-1;
- IEC 61753-1; • IEC 61300.



Non standards colors, lengths & configurations available on request.



It's possible to make a configuration to your needs, contact our support team.

SPECIFICATIONS

|                     | ST | SC     | LC |
|---------------------|----|--------|----|
| Insertion Loss (dB) |    | < 0.2  |    |
| Outer Diameter (mm) |    | 0.9    |    |
| Outer Sheath Color  |    | Orange |    |

LOGISTIC INFORMATION

| Box         |                |           |             |                 |               |
|-------------|----------------|-----------|-------------|-----------------|---------------|
| Code        | Description    | Connector | Length (mm) | Dimensions (mm) | Quantity (un) |
| 81303104020 | Pigtail OM2 ST | ST        | 1.5         | 220x220x225     | 200           |
| 81302104020 | Pigtail OM2 SC | SC        |             |                 |               |
| 81305104020 | Pigtail OM2 LC | LC        |             |                 |               |

PIGTAIL

OM3 50/125

barpa Multimode Simplex Fiber Optic Pigtail provides a fast way to make factory terminations in the field, which can easily be fusion or mechanically spliced in a protective case to an existing fiber. Produced from the highest quality optical fiber using LSZH cable jacket, terminated with ceramic ferrule connector assuring a high transmission quality.

- ISO/IEC 11801; • EN 50173-1; • IEC 61754-1;
- IEC 61753-1; • IEC 61300.



Non standards colors, lengths & configurations available on request.



It's possible to make a configuration to your needs, contact our support team.

SPECIFICATIONS

|                     | ST | SC    | LC |
|---------------------|----|-------|----|
| Insertion Loss (dB) |    | < 0.2 |    |
| Outer Diameter (mm) |    | 0.9   |    |
| Outer Sheath Color  |    | Aqua  |    |

LOGISTIC INFORMATION

| Box         |                |           |             |                 |               |
|-------------|----------------|-----------|-------------|-----------------|---------------|
| Code        | Description    | Connector | Length (mm) | Dimensions (mm) | Quantity (un) |
| 81303105040 | Pigtail OM3 ST | ST        | 1.5         | 220x220x225     | 200           |
| 81302105040 | Pigtail OM3 SC | SC        |             |                 |               |
| 81305105040 | Pigtail OM3 LC | LC        |             |                 |               |

PIGTAIL

OM4 50/125

barpa Multimode Simplex Fiber Optic Pigtail provides a fast way to make factory terminations in the field, which can easily be fusion or mechanically spliced in a protective case to an existing fiber. Produced from the highest quality optical fiber using LSZH cable jacket, terminated with ceramic ferrule connector assuring a high transmission quality.

- ISO/IEC 11801; • EN 50173-1; • IEC 61754-1;
- IEC 61753-1; • IEC 61300.



Non standards colors, lengths & configurations available on request.



It's possible to make a configuration to your needs, contact our support team.

SPECIFICATIONS

|                     | SC     | LC |
|---------------------|--------|----|
| Insertion Loss (dB) | < 0.2  |    |
| Outer Diameter (mm) | 0.9    |    |
| Outer Sheath Color  | Purple |    |

LOGISTIC INFORMATION

| Box         |                |           |             |                 |               |
|-------------|----------------|-----------|-------------|-----------------|---------------|
| Code        | Description    | Connector | Length (mm) | Dimensions (mm) | Quantity (un) |
| 81302106030 | Pigtail OM4 SC | SC        | 1.5         | 220x220x225     | 200           |
| 81305106030 | Pigtail OM4 LC | LC        |             |                 |               |

PIGTAIL

OM5 50/125

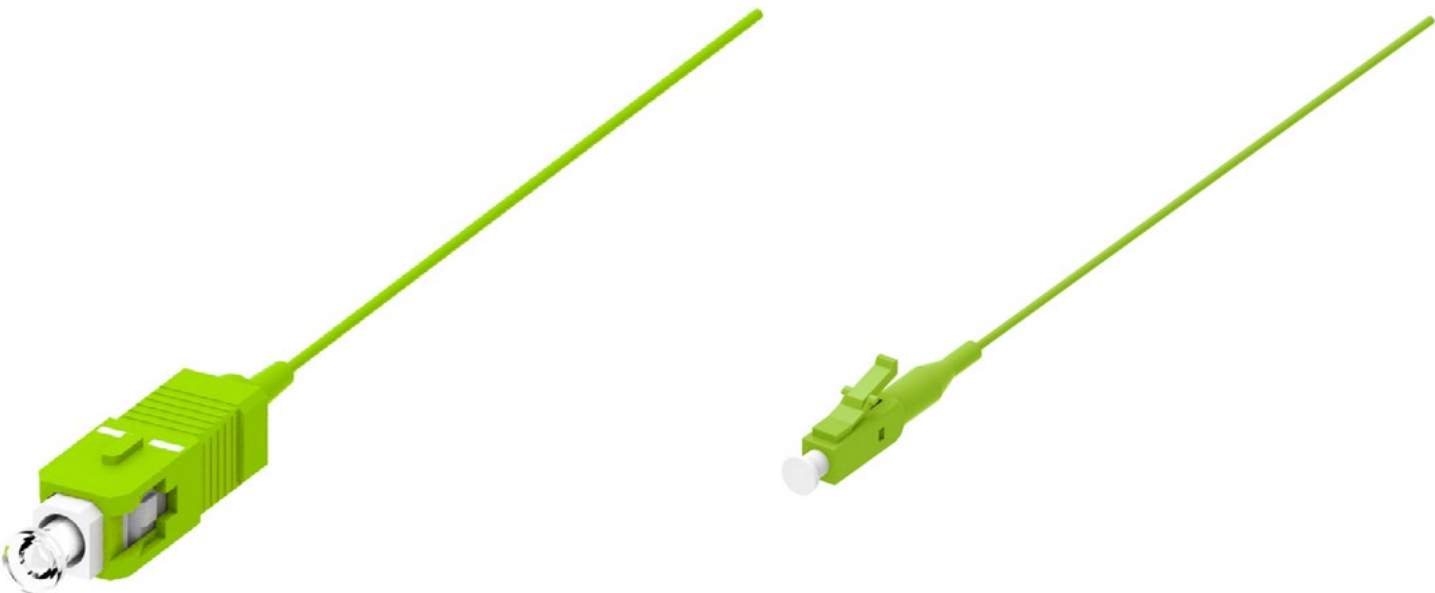
barpa Multimode Simplex Fiber Optic Pigtail provides a fast way to make factory terminations in the field, which can easily be fusion or mechanically spliced in a protective case to an existing fiber. Produced from the highest quality optical fiber using LSZH cable jacket, terminated with ceramic ferrule connector assuring a high transmission quality.

- ISO/IEC 11801; • EN 50173-1; • IEC 61754-1;
- IEC 61753-1; • IEC 61300.



Non standards colors, lengths & configurations available on request.

It's possible to make a configuration to your needs, contact our support team.



SPECIFICATIONS

|                     | SC         | LC |
|---------------------|------------|----|
| Insertion Loss (dB) | < 0.2      |    |
| Outer Diameter (mm) | 0.9        |    |
| Outer Sheath Color  | Green Lime |    |

CUSTOMIZATION - HIGGS BY BARPA

|                                                              |
|--------------------------------------------------------------|
| You can order this customized, what you need to consider     |
| Choose the cable length you want                             |
| Choose which type of connector you need (SC or LC connector) |

ADAPTER

SC

High reliability and precision alignment. Easy to use. Can be widely used for FTTX, passive optical network (OPN) and cable TV network (CATV). Low Insertion loss and return loss. Good repeatability, changeability and temperature stabilization. Dust protections caps. Allow fitting in the bulkheads either with a nut or with clips.

• ISO/IEC 11801 • EN 50173-1 • IEC 61754-20 • IEC 61753-1 • IEC 61300 • RoHS



Non standards colors, lengths & configurations available on request.

LOGISTIC INFORMATION

| Code        | Description                                          | Connector | Category | Type    | Color      | Quantity (un) |
|-------------|------------------------------------------------------|-----------|----------|---------|------------|---------------|
| 81411021041 | Adapter OS2 SC Simplex with Flange Snap-In           | SC        | OS2      | Simplex | Blue       | 12            |
| 81410213011 | Adapter OM2 SC Simplex with Flange Snap-In           | SC        | OM2      | Simplex | Gray       | 12            |
| 81411024031 | Adapter OM3 SC Simplex with Flange Snap-In           | SC        | OM3      | Simplex | Aqua       | 12            |
| 81411025061 | Adapter OM4 SC Simplex with Flange Snap-In           | SC        | OM4      | Simplex | Purple     | 12            |
| 81411026070 | Adapter OM5 SC Simplex with Flange Snap-In           | SC        | OM5      | Simplex | Lime Green | 12            |
| 81411011051 | Adapter OS2 SC/APC Simplex with Flange Snap-In       | SC/APC    | OS2      | Simplex | Green      | 12            |
| 81411091051 | Adapter OS2 SC/APC Simplex with Cover                | SC/APC    | OS2      | Simplex | Green      | 12            |
| 81411111051 | Adapter OS2 SC/APC Simplex with Cover without Flange | SC/APC    | OS2      | Simplex | Green      | 12            |
| 81412121041 | Adapter OS2 SC Duplex without Flange Snap-In         | SC        | OS2      | Duplex  | Blue       | 12            |
| 81412021041 | Adapter OS2 SC Duplex with Flange Snap-In            | SC        | OS2      | Duplex  | Blue       | 12            |
| 81412023011 | Adapter OM2 SC Duplex with Flange Snap-In            | SC        | OM2      | Duplex  | Gray       | 12            |
| 81412024031 | Adapter OM3 SC Duplex with Flange Snap-In            | SC        | OM3      | Duplex  | Aqua       | 12            |
| 81412025061 | Adapter OM4 SC Duplex with Flange Snap-In            | SC        | OM4      | Duplex  | Purple     | 12            |
| 81412026070 | Adapter OM5 SC Duplex with Flange Snap-In            | SC        | OM5      | Duplex  | Lime Green | 12            |
| 81412011051 | Adapter OS2 SC/APC Duplex with Flange Snap-In        | SC/APC    | OS2      | Duplex  | Green      | 12            |
| 81412091051 | Adapter OS2 SC/APC Duplex with Cover                 | SC/APC    | OS2      | Duplex  | Green      | 12            |
| 81412131051 | Adapter OS2 SC/APC Duplex without Flange Snap-In     | SC/APC    | OS2      | Duplex  | Green      | 12            |

ADAPTER

LC

High reliability and precision alignment. Easy to use. Can be widely used for FTT, passive optical network (OPN) and data center. Low Insertion loss and Return loss. Good repeatability, changeability and temperature stabilization. Include dust protections caps. Allow fitting in the bulkheads patch panel either with a screw or with clips.

• ISO/IEC 11801 • EN 50173-1 • IEC 61754-20 • IEC 61753-1 • IEC 61300 • RoHS



Non standards colors, lengths & configurations available on request.

LOGISTIC INFORMATION

| Code        | Description                                   | Connector | Category | Type       | Color      | Quantity (un) |
|-------------|-----------------------------------------------|-----------|----------|------------|------------|---------------|
| 81412041051 | Adapter OS2 LC/APC Duplex with Flange Snap-In | LC/APC    | OS2      | Duplex     | Green      | 12            |
| 81412051041 | Adapter OS2 LC Duplex with Flange Snap-In     | LC        | OS2      | Duplex     | Blue       | 12            |
| 81412053011 | Adapter OM2 LC Duplex with Flange Snap-In     | LC        | OM2      | Duplex     | Grey       | 12            |
| 81412054031 | Adapter OM3 LC Duplex with Flange Snap-In     | LC        | OM3      | Duplex     | Aqua       | 12            |
| 81412055061 | Adapter OM4 LC Duplex with Flange Snap-In     | LC        | OM4      | Duplex     | Purple     | 12            |
| 81412056070 | Adapter OM5 LC Duplex with Flange Snap-In     | LC        | OM5      | Duplex     | Lime Green | 12            |
| 81413053011 | Adapter OM2 LC Quadruplex with Flange Snap-In | LC        | OM2      | Quadruplex | Grey       | 12            |
| 81413054031 | Adapter OM3 LC Quadruplex with Flange Snap-In | LC        | OM3      | Quadruplex | Aqua       | 12            |
| 81413055061 | Adapter OM4 LC Quadruplex with Flange Snap-In | LC        | OM4      | Quadruplex | Purple     | 12            |
| 81413056070 | Adapter OM5 LC Quadruplex with Flange Snap-In | LC        | OM5      | Quadruplex | Lime Green | 12            |

ADAPTER

FC / ST / E2000

High reliability and precision alignment. Increase panel density, save space. Easy to use. Low Insertion loss and Return loss. Good repeatability, changeability and temperature stabilization. Include dust protections caps.

- ISO/IEC 11801; • EN 50173-1; • IEC 61754;
- IEC 61753-1; • IEC 61300.



Non standards colors, lengths & configurations available on request.

LOGISTIC INFORMATION

| Code        | Description                          | Connector        | Categoria | Type    | Color             | Quantity (un) |
|-------------|--------------------------------------|------------------|-----------|---------|-------------------|---------------|
| 81411031021 | Adapter OS2 ST Simplex               | ST               | OS2       | Simplex | Silver/Yellow Cap | 12            |
| 81411033021 | Adapter OM2 ST Simplex               | ST               | OM2       | Simplex | Silver/Red Cap    | 12            |
| 81411061021 | Adapter OS2 FC Simplex               | FC               | OS2       | Simplex | Silver/Red Cap    | 12            |
| 81411071051 | Adapter OS2 E2000/APC Simplex        | E2000/APC        | OS2       | Simplex | Green             | 12            |
| 81411081041 | Adapter OS2 E2000 Simplex            | E2000            | OS2       | Simplex | Blue              | 12            |
| 81411101051 | Adapter OS2 E2000/APC-SC/APC Simplex | E2000/APC-SC/APC | OS2       | Simplex | Green             | 12            |

PATCH PANEL

Ultra High Density Patch Panel

barpa UHD Fiber Optic Patch Panel is a standard 19-inch unit. It is used to manage optical fibers, accommodating up to 144 fibers in 1U of rack space. Its modular design makes it adaptable for various types of barpa UHD fiber cassettes. Featuring a drawer design for easy access, this panel is available in black and comes in different sizes.

- ISO/IEC 11801; • EN 50173-1; • IEC 61754-1;
- ANSI/TIA-568.3-E; • EIA 19-inch



**TAILOR MADE** It's possible to make a configuration to your needs, contact our support team.

SPECIFICATIONS

|                       | 1U                           | 2U           | 4U            |
|-----------------------|------------------------------|--------------|---------------|
| Color                 | Black (RAL 9004)             |              |               |
| Material              | SPCC Cold Rolled Steel 1,2mm |              |               |
| Dimensions            | 483×350×45mm                 | 483×350×89mm | 483×350×178mm |
| Weight                | 5,40 kg                      | 9,08 kg      | 16,60 kg      |
| Operation Temperature | -40°C to +75°C               |              |               |
| Storage Temperature   | -40°C to +75°C               |              |               |
| Max N° of Cassettes   | 8 Fibers                     | 18           | 36            |
|                       | 12 Fibers                    | 12           | 24            |
|                       |                              | 72           | 48            |

LOGISTIC INFORMATION

| Code        | Description                                  | Size (mm)   | Gross Weight (kg) | Net Weight (kg) | Quantity (un) |
|-------------|----------------------------------------------|-------------|-------------------|-----------------|---------------|
| 81504010100 | Empty Fiber Optic UHD Patch Panel 1U Sagitta | 575x475x130 | 6,30              | 5,40            | 1             |
| 81504010200 | Empty Fiber Optic UHD Patch Panel 2U Sagitta | 575x475x185 | 10,10             | 9,08            | 1             |
| 81504010400 | Empty Fiber Optic UHD Patch Panel 4U Sagitta | 575x475x275 | 17,75             | 16,60           | 1             |

PATCH PANEL

Patch Panel

barpa’s Fiber Optic Patch Panel is a standard 19” designed for simplicity without compromising on essential components. This panel is engineered for managing optical fiber terminations and splices, accommodating up to 48 or 96 fibers within just 1U of rack space. With a drawer design for easy access and adjustable in depth, this panel is available in black color.

• EIA 19-inch.



Adapters not included.

**TAILOR MADE** It's possible to make a configuration to your needs, contact our support team.



SPECIFICATIONS

|                 |                                          |
|-----------------|------------------------------------------|
| Thickness (mm)  | Main Body: 1.2<br>Mounting Brackets: 2.0 |
| Material        | SPCC Steel                               |
| Color           | Black (RAL 9005)                         |
| Dimensions (mm) | 482.6 x 240.0 x 44.0                     |

LOGISTIC INFORMATION

|             |                                                  |                 |                  | Inner Box       |               | Outer Box       |               |
|-------------|--------------------------------------------------|-----------------|------------------|-----------------|---------------|-----------------|---------------|
| Code        | Description                                      | Capacity        | Unit Weight (kg) | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 81501010401 | Patch Panel for 24 SC Duplex or 24 LC Quadriplex | 48 or 96 fibers | 2.95             | 535x325x50      | 1             | 550x275x345     | 5             |
| 81501010402 | Patch Panel for 24 SC Simplex or 24 LC Duplex    | 24 or 48 fibers |                  |                 |               |                 |               |
| 81501010403 | Patch Panel for 24 ST                            | 24 fibers       |                  |                 |               |                 |               |

PATCH PANEL

Fiber Optic  
Sliding Patch Panel  
with Cable  
Management

barpa’s Fiber Optic Sliding Patch Panel is a 19” rack-mountable solution designed for efficient fiber optic management. With a sliding drawer design and integrated cable management, it ensures easy access for installation and maintenance.

• EIA 19-inch • ISO/IEC 11801 • EN 50173-2



**TAILOR MADE** It's possible to make a configuration to your needs, contact our support team.



SPECIFICATIONS

|                 |                                                     |
|-----------------|-----------------------------------------------------|
| Adapter Type    | SC Simplex / LC Duplex<br>SC Duplex / LC Quadriplex |
| Color           | Black (RAL9005)                                     |
| Dimensions (mm) | 482,6 x 314,4 x 44,0                                |

LOGISTIC INFORMATION

|             |                                                                                |                 |             | Inner Box       |               | Outer Box       |               |
|-------------|--------------------------------------------------------------------------------|-----------------|-------------|-----------------|---------------|-----------------|---------------|
| Code        | Description                                                                    | Capacity        | Weight (kg) | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 81501010501 | Sliding Patch Panel with cable management for 24 SC Duplex or 24 LC Quadriplex | 48 or 96 fibers | 3,513       | 535x360x50      | 1             | 550x275x380     | 5             |
| 81501010502 | Sliding Patch Panel with cable management for 24 SC Simplex or 24 LC Duplex    | 24 or 48 fibers |             |                 |               |                 |               |

PATCH PANEL

Splitter  
Patch Panel

The barpa Splitter Patch Panel is an unit to hold PLC splitters. Steel construction with Black Powder Coating. Specially designed for GPON barpa solution. You can purchase this single product or you can customize per your needs (with splitters and adapters).



TAILOR  
MADE

It's possible to make a configuration to your needs, contact our support team.

SPECIFICATIONS

|                 |                 |
|-----------------|-----------------|
| Adapter Type    | SC Simplex      |
| Thickness (mm)  | 1,5             |
| Color           | Black (RAL9005) |
| Dimmension (mm) | 484x44,8x207    |
| Weight (kg)     | 2,4             |

LOGISTIC INFORMATION

| Code        | For Splitters | Max Number of Splitters | Connector  | Quantity inner box | Measurement Inner box (cm) |
|-------------|---------------|-------------------------|------------|--------------------|----------------------------|
| 81503110210 | 1x2           | 8                       | SC Simplex | 1                  | 50x22x5,5                  |
| 81503110410 | 1x4           | 5                       | SC Simplex | 1                  |                            |
| 81503110810 | 1x8           | 3                       | SC Simplex | 1                  |                            |

PATCH PANEL

3 Tech Patch Panel

barpa 3 Tech Patch Panel is a 19" standard that offers flexibility and compact design for your network in only 1U of a rack space. Engineered for versatility, this product accommodates a variety of front plates and a splice tray to meet different connectivity requirements. Choose from copper, fiber and coaxial options to tailor your panel to your specific needs.

• EIA 19-inch.



SPECIFICATIONS

|                 |                                                                                                 |
|-----------------|-------------------------------------------------------------------------------------------------|
| Front Plates    | 6 RJ45 Ports   6 SC Simplex Ports   6 SC Duplex Ports   8 CC   Blank   6 Ports with Splice Tray |
| Thickness (mm)  | 1,2                                                                                             |
| Material        | SPCC Steel                                                                                      |
| Color           | Black (RAL 9005)                                                                                |
| Dimensions (mm) | 482,6 x 107,5 x 44,0                                                                            |
| Weight (kg)     | 0,55                                                                                            |

LOGISTIC INFORMATION

| Code        | Description                                                                            | Paper Bag                                                                                                                           |               | Inner Box       |               | Outer Box       |               |
|-------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------|---------------|-----------------|---------------|
|             |                                                                                        | Dimensions (mm)                                                                                                                     | Quantity (un) | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 82251101000 | Empty 3 Tech Patch Panel 1U                                                            | -                                                                                                                                   | -             | 510x130x50      | 1             | 530x430x280     | 18            |
| 82251100001 | Blank Front Plate 3 Tech Patch Panel                                                   | 90x160                                                                                                                              | 1             | -               | -             | 260x230x230     | 70            |
| 82251100003 | Front Plate 3 Tech Patch Panel for 8 CC                                                | 90x160                                                                                                                              | 1             | -               | -             | 260x230x230     | 70            |
| 82251100004 | Front Plate 3 Tech Patch Panel for 6 SC Duplex                                         | 90x160                                                                                                                              | 1             | -               | -             | 260x230x230     | 70            |
| 82251100005 | Front Plate 3 Tech Patch Panel for 6 SC Simplex                                        | 90x160                                                                                                                              | 1             | -               | -             | 260x230x230     | 70            |
| 82251100006 | Front Plate 3 Tech Patch Panel for 6 RJ45 Ports                                        | 90x160                                                                                                                              | 1             | -               | -             | 260x230x230     | 70            |
| 82251100002 | Front Plate 3 Tech Patch Panel with Splice Tray                                        | For more information about this product, please see page 50.                                                                        |               |                 |               |                 |               |
| 82251100007 | 3 Tech Patch Panel 1U + 6xSC Duplex Front Plate, 6xRJ45 Front Plate + 8 CC Front Plate | To order the empty panel along with three individual front plates (6x SC Duplex, 6x RJ45, and 8 CC), please use the following code. |               |                 |               |                 |               |

HIGH DENSITY SUB-RACK

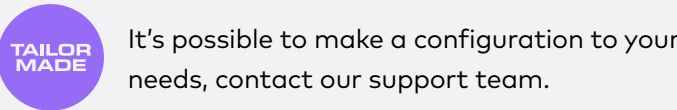
High Density Sub-Rack

barpa Fiber Optic High Density Sub-Rack is designed based on 4 rack unit height for use as a rack mount interconnect point where connectivity of up to 144/288 fibers is desired. With a modular design, it is suitable for environments where maximum flexibility is required, typically in data centers and telecommunications closets.

• EIA 19-inch.



Adapters and pigtails not included.



LOGISTIC INFORMATION

|             |                                                |                        |                  | Inner Box       |               | Outer Box       |               |
|-------------|------------------------------------------------|------------------------|------------------|-----------------|---------------|-----------------|---------------|
| Code        | Description                                    | Max. Capacity (Fibers) | Unit Weight (kg) | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 81502010000 | Empty High Density Sub-Rack                    | 144/288                | 6                | 500x350x240     | 1             | -               | -             |
| 81502010600 | Empty Splice Tray                              | -                      | 0.15             | 280x200x130     | 12            | 420X290X300     | 48            |
| 81502010100 | SC/APC Tray with adapter and pigtail OS2 G652D | 12                     | 0.25             |                 |               |                 |               |
| 81502010200 | SC Tray with adapter and pigtail OS2 G652D     | 12                     | 0.25             |                 |               |                 |               |
| 81502010300 | LC Tray with adapter and pigtail OS2 G652D     | 24                     | 0.22             |                 |               |                 |               |
| 81502010400 | LC/APC Tray with adapter and pigtail OS2 G652D | 24                     | 0.22             |                 |               |                 |               |
| 81502010500 | E2000 Tray with adapter and pigtail OS2 G652D  | 12                     | 0.32             | -               | -             | -               | 1             |
| 81502010700 | Blind cover                                    | -                      | -                |                 |               |                 |               |

PRE-TERMINATED

Higgs Plus Fiber Patch Cord

Premium Plus Fiber Optic Patch Cords are manufactured to interconnect, or cross connect fiber networks within structured cabling systems in entrance facilities, telecommunications rooms, data centers, horizontal distribution, and equipment distribution areas.

- Designed, manufactured and distributed under the quality management system ISO9001:2015.
- ISO/IEC 11801; • EN 50173; • IEC 61300-3-35;
- IEC 61755; • IEC 61754 ; • Telcordia GR326.



It's possible to make a configuration to your needs, contact our support team.

For assistance customizing the cable you need, please contact tech support.  
MTP® PRO from US Conec.

CHART FOR LOGISTIC INFORMATION

| Category   | Jacket Type | Cable Diameter | Number of fibers | Conector A | Conector B | Length          |
|------------|-------------|----------------|------------------|------------|------------|-----------------|
| OS2 G652D  | LSZH        | 2,0 mm         | 1 - Simplex      | SC         | SC         | 3 - 1000 meters |
| OS2 G657A2 | LSZH Eca    | 3,0 mm         | 2 - Duplex       | SC/APC     | SC/APC     |                 |
| OS2 G657B3 | LSZH Dca    |                |                  | LC         | LC         |                 |
| OM2        | LSZH Cca    |                |                  | LC/APC     | LC/APC     |                 |
| OM3        | LSZH B2ca   |                |                  | LC Uniboot | LC Uniboot |                 |
| OM4        |             |                |                  |            |            |                 |
| OM5        |             |                |                  |            |            |                 |

PRE-TERMINATED

Higgs Pre-terminated Fiber Trunk Cable

Pre-Terminated Fiber Optic Trunk Cables are manufactured to interconnect, or cross connect fiber networks within structured cabling systems in entrance facilities, telecommunications rooms, data centers, horizontal distribution, and equipment distribution areas.

- Designed, manufactured and distributed under the quality management system ISO9001:2015;
- IEC 61300-3-35; • IEC 61755; • IEC 61754 ;
- Telcordia GR326; • ISO/IEC11801.



**TAILOR MADE** It's possible to make a configuration to your needs, contact our support team.

For assistance customizing the cable you need, please contact tech support.  
MTP® PRO from US Conec.

CHART FOR LOGISTIC INFORMATION

| Category   | Cable Type                | CPR (in case of LSZH jacket) | Number of Fibers | Conector A          | Conector B          | Type of Fanout (in case of Unitube cable) | Type of Pulling Eye      | Pulling Eye - Ends | Length           |
|------------|---------------------------|------------------------------|------------------|---------------------|---------------------|-------------------------------------------|--------------------------|--------------------|------------------|
| OS2 G652D  | Distribution Tight Buffer | Eca                          | 2                | SC                  | SC                  | 0,9mm                                     | IP68                     | Both Ends          | 10 - 1000 meters |
| OS2 G657A2 | Unitube PE Loose Tube     | Dca                          | 4                | SC/APC              | SC/APC              | 2mm                                       | IP10 (expandable sleeve) | One end            |                  |
| OS2 G657B3 | Unitube LSZH Loose Tube   | Cca                          | 6                | LC                  | LC                  | 3mm                                       | None                     |                    |                  |
| OM2        | Drop Tight Buffer         | B2ca                         | 8                | LC/APC              | LC/APC              |                                           |                          |                    |                  |
| OM3        | Cable for MPO Loose Tube  |                              | 12               | LC Uniboot          | LC Uniboot          |                                           |                          |                    |                  |
| OM4        |                           |                              | 24               | MTP® PRO Female     | MTP® PRO Female     |                                           |                          |                    |                  |
| OM5        |                           |                              |                  | MTP® PRO Male       | MTP® PRO Male       |                                           |                          |                    |                  |
|            |                           |                              |                  | MTP® PRO APC Female | MTP® PRO APC Female |                                           |                          |                    |                  |
|            |                           |                              |                  | MTP® PRO APC Male   | MTP® PRO APC Male   |                                           |                          |                    |                  |
|            |                           |                              |                  |                     |                     |                                           |                          |                    |                  |
|            |                           |                              |                  |                     | None                |                                           |                          |                    |                  |

PRE-CONNECTED

Lynx Fiber Box

Designed for FTTH applications. Composed with 1, 2 or 4 fibers directly connected to SC/APC inside of wall outlet. Provide quick and secure installation from the subscriber to the Multi Dwelling Unit. On one side of drop cable are connected in the box with SC/APC adapters with shutter for lase protection (no splice) and the other side is mini drop cable open with pulling eye. Mini Drop Cable OS2 G657A2.

- ISO/IEC 11801; • EN 50173-1; • EN50575;
- IEC 60794-2; • IEC 60332-1-[1,2]; • IEC 60754-[1,2];
- IEC 61034-[1,2]; • ANSI/TIA-568-D; • ITU G657.



It's possible to make a configuration to your needs, contact our support team.

SPECIFICATIONS

|               |                               |                                             |  |
|---------------|-------------------------------|---------------------------------------------|--|
| ITU           |                               | OS2 G657A2                                  |  |
| Coating Fiber | Tightly buffered fibres 250µm |                                             |  |
|               | Color                         | 1 - red / 2 - blue / 3 - green / 4 - yellow |  |
| Sheath        | Color                         | White                                       |  |
|               | Material                      | LSZH Class Dca                              |  |

ORDER INFORMATION

|             |          |        |                                          | Inner Box           |                | Outer Box     |                     |                |
|-------------|----------|--------|------------------------------------------|---------------------|----------------|---------------|---------------------|----------------|
| Code        | Category | Meters | Number of fibers/<br>adapters SC Simplex | Measurement<br>(mm) | Weight<br>(kg) | Quantity (un) | Measurement<br>(mm) | Weight<br>(kg) |
| 81701010020 | G657A2   | 20     | 1                                        | 265x255x55          | 0,6            | 16            | 540x400x300         | 8              |
| 81701010030 | G657A2   | 30     | 1                                        |                     |                |               |                     |                |
| 81701010040 | G657A2   | 40     | 1                                        |                     |                |               |                     |                |
| 81701010050 | G657A2   | 50     | 1                                        |                     |                |               |                     |                |
| 81701020020 | G657A2   | 20     | 2                                        |                     |                |               |                     |                |
| 81701020030 | G657A2   | 30     | 2                                        |                     |                |               |                     |                |
| 81701020040 | G657A2   | 40     | 2                                        |                     |                |               |                     |                |
| 81701020050 | G657A2   | 50     | 2                                        |                     |                |               |                     |                |
| 81701040020 | G657A2   | 20     | 4                                        |                     |                |               |                     |                |
| 81701040030 | G657A2   | 30     | 4                                        |                     |                |               |                     |                |
| 81701040040 | G657A2   | 40     | 4                                        |                     |                |               |                     |                |
| 81701040050 | G657A2   | 50     | 4                                        |                     |                |               |                     |                |

SPLITTER

Mini Type PLC Splitter

Planar lightwave circuit (PLC) splitter is a type of optical power management device that is fabricated using silica optical waveguide technology. It features small size, high reliability, wide operating wavelength range and good channel-to-channel uniformity. Especially applicable to PON (EPON, GPON, BPON, FTTX, etc.)

to connect the MDF (main distribution frame) and the terminal equipment and to branch the optical signal.

- GR-1209-CORE; • GR-1221-CORE



BOX

Wall Termination Box

barpa Terminal Box is used in FTTH access network, CATV networks and LAN. Suitable for inside applications, with the function of mechanical splice or fusion. White.



Adapters and pigtails not included.

LOGISTIC INFORMATION

| Code        | 1xN  | Connector | Quantity (un) | Measurement<br>Inner box (cm) |
|-------------|------|-----------|---------------|-------------------------------|
| 81441111102 | 1x2  | SC/APC    | 1             | 215x140                       |
| 81441111104 | 1x4  | SC/APC    | 1             |                               |
| 81441111108 | 1x8  | SC/APC    | 1             |                               |
| 81441111116 | 1x16 | SC/APC    | 1             |                               |
| 81441111132 | 1x32 | SC/APC    | 1             |                               |

LOGISTIC INFORMATION

|             |                     |                    | Inner Box          |                  | Outer Box          |                  |
|-------------|---------------------|--------------------|--------------------|------------------|--------------------|------------------|
| Code        | Unit Weight<br>(kg) | Dimensions<br>(mm) | Dimensions<br>(mm) | Quantity<br>(un) | Dimensions<br>(mm) | Quantity<br>(un) |
| 81601010020 | 0.09                | 130x84x24          | 134x96x33          | 1                | 500x420x360        | 150              |

BOX

## Wall Termination Box

barpa Terminal Box is used in FTTH access network, CATV networks and LAN. Suitable for inside applications, with the function of mechanical splice or fusion. With a good dust-proof design, fits 4 adapters with a lock structure for protection. White.



Adapters and pigtails not included. Use one adapter with no flange.

BOX

## Distribution Box 8 Fibers

barpa Distribution Box is used in FTTH access network and accomodates 8 fibers. Suitable for inside or outside applications, with the function of mechanical splice or fusion, was designed to enlarge fiber capacity and save cost. With a waterproof, dust-proof and wet-proof design, with total enclosed structure, uses lock type structure for safe use. IP65. White.



### LOGISTIC INFORMATION

|             |                  |                 | Inner Box       |               | Outer Box       |               |
|-------------|------------------|-----------------|-----------------|---------------|-----------------|---------------|
| Code        | Unit Weight (kg) | Dimensions (mm) | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 81601010040 | 0.074            | 101x81x29       | 106x88x34       | 1             | 490x350x370     | 150           |

### LOGISTIC INFORMATION

|             |                  |                 | Inner Box       |               | Outer Box       |               |
|-------------|------------------|-----------------|-----------------|---------------|-----------------|---------------|
| Code        | Unit Weight (kg) | Dimensions (mm) | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 81602010040 | 0.20             | 165x100x30      | 182x130x37      | 1             | 660x385x210     | 50            |

BOX

# Distribution Box 12 Fibers

barpa Distribution Box is used in FTTH access network and accomodates 12 fibers. Suitable for inside or outside applications, with the function of mechanical splice or fusion, was designed to enlarge fiber capacity and save cost. With a waterproof, dust-proof and wet-proof design, has a total enclosed structure. IP65. Grey.



BOX

# Distribution Box 24 Fibers

barpa Distribution Box is used in FTTH access network. Suitable for inside or outside applications, with the function of mechanical splice or fusion, was designed to enlarge fiber capacity and save cost. With a waterproof, dust-proof and wet-proof design, has a total enclosed structure. IP55. Grey. With a capacity of 24 fibers.



LOGISTIC INFORMATION

|             |                  |                 | Inner Box       |               | Outer Box       |               |
|-------------|------------------|-----------------|-----------------|---------------|-----------------|---------------|
| Code        | Unit Weight (kg) | Dimensions (mm) | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 81602020120 | 0.345            | 197x110x43      | 233x126x50      | 1             | 560x270x255     | 20            |

LOGISTIC INFORMATION

|             |                  |                 | Inner Box       |               | Outer Box       |               |
|-------------|------------------|-----------------|-----------------|---------------|-----------------|---------------|
| Code        | Unit Weight (kg) | Dimensions (mm) | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 81602020240 | 0.650            | 265x155x54      | 277x167x61      | 1             | 580x355x36      | 20            |

BOX

# Termination Box 24 Fibers

barpa Termination Box is used in FTTH access network as a termination point for the feeder cable to connect with drop cable. Suitable for inside or outside applications, with the function of mechanical splice or fusion, was designed to enlarge fiber capacity and save cost. With a waterproof, dust-proof and wet-proof design, has a total enclosed structure. IP65. White. With a capacity of 24 fibers.



BOX

# Wall Distribution Box

barpa Wall Distribution Box is wall mounted. Supplied with pre-configured front panel for fast and easy installation, available to SC duplex, SC simplex and ST. With a high quality material and a good dust-proof, each panel includes pre-installed splice cassettes, 2 cable glands,

a stick with fiber attention, 6 small cable ties, 4 cage nut fixing set and blanks for unused ports.



LOGISTIC INFORMATION

|             |                  |                 | Inner Box       |               | Outer Box       |               |
|-------------|------------------|-----------------|-----------------|---------------|-----------------|---------------|
| Code        | Unit Weight (kg) | Dimensions (mm) | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 81602030241 | 1.3              | 331x274x96      | 325x245x105     | 1             | 500x330x525     | 8             |

LOGISTIC INFORMATION

|             |               |                  |                 | Inner Box       |               | Outer Box       |               |
|-------------|---------------|------------------|-----------------|-----------------|---------------|-----------------|---------------|
| Code        | Description   | Unit Weight (kg) | Dimensions (mm) | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 81602040200 | 12 SC Duplex  | 5.0              | 434x383x56      | 450x400x75      | 1             | 470x420x270     | 3             |
| 81602040300 | 12 SC Simplex |                  |                 |                 |               |                 |               |
| 81602040400 | 12 ST         |                  |                 |                 |               |                 |               |

BOX

# Wall Mounted Splitter Distribution Box

The barpa Wall Mounted Splitter Distribution box is an box to hold PLC splitters. Steel construction with Black Powder Coating. Specially designed for GPON barpa solution. You can purchase this single product or you can customize per your needs (with splitters and adapters).



It's possible to make a configuration to your needs, contact our support team.

BOX

# DIN Rail Box

barpa's Fiber Optic DIN Rail Box is designed typically for industrial environments that demand robust and reliable solutions. This box provides distribution and terminal connections for a variety of optical fiber systems where optical cables, patch cords, or pigtails need to be efficiently connected in limited spaces. With a compact design, this box can be used with different ports and

offers secure cable entries and an integrated fiber optic splice tray. This product helps you to ensure performance and durability in demanding environments.

- Directive 2011/65/EU (RoHS) • IEC 60715 • TIA/EIA-568
- ISO/IEC 11801 • ANSI/TIA-568.3-D



NEW

LOGISTIC INFORMATION

| Code        | Connector  | Quantity Inner box (un) | Measurement Inner box (cm) |
|-------------|------------|-------------------------|----------------------------|
| 81602050320 | SC Simplex | 1                       | 35x22x10                   |

LOGISTICS INFORMATION

|             |                                   | Inner Box       |               | Outer Box       |               |
|-------------|-----------------------------------|-----------------|---------------|-----------------|---------------|
| Code        | Description                       | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 81603011201 | FO DIN Rail Box for 12 SC Simplex | 177x160x47      | 1             | 350x350x350     | 36            |
| 81603010801 | FO DIN Rail Box for 8 SC Simplex  | 177x160x47      | 1             | 350x350x350     | 36            |
| 81603010602 | FO DIN Rail Box for 6 SC Duplex   | 177x160x47      | 1             | 350x350x350     | 36            |
| 81603010603 | FO DIN Rail Box for 6 ST          | 177x160x47      | 1             | 350x350x350     | 36            |

ACCESSORIES

# Splice Tray 24 Fibers

barpa’s splice tray accommodates up to 24 mechanical splices. Its unique design allows for removal without disturbing previously spliced fibers, offering greater flexibility for adding new splices.

—



SPECIFICATIONS

|                                           |                 |
|-------------------------------------------|-----------------|
| Number of Splices per Cassette            | 24              |
| Material                                  | ABS             |
| Color                                     | Black           |
| Dimensions (mm)                           | 171 x 117 x 8,5 |
| Weight (kg)                               | 0,05            |
| Max Diameter of Cable (mm)                | 5               |
| Working Temperature (°c)                  | Max. 95°C       |
| Heat-Shrink Fusion Splice Protectors (mm) | 45 and 60       |

LOGISTICS INFORMATION

| Paper Bag   |                 |                |               | Outer Box       |               |
|-------------|-----------------|----------------|---------------|-----------------|---------------|
| Code        | Dimensions (mm) | Dimensões (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 81420100001 | 171x117x8,5     | 150x190        | 1             | 510x300x400     | 150           |

ACCESSORIES

Blank Cover

Blank cover is used to protect from the dust in the fiber patch panel.



ACCESSORIES

Splice Holder with Adhesive Tape

barpa Fusion Splice Holder has capacity up to 24 splice protectors of 45mm or 60mm. This product consists in a base with self adhesive pads of 3M® to secure in a flat surface and also with a cover to record the ID's of each fiber core.



• ISO/IEC 11801; • EN 50173-1.

LOGISTIC INFORMATION

|             |             | Inner Box       |               | Outer Box       |               |
|-------------|-------------|-----------------|---------------|-----------------|---------------|
| Code        | Description | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 81430200000 | SC Duplex   | 10.2x34.5x12.5  | 12            | 455x455x250     | 1200          |
| 81430100000 | SC Simplex  | 10.2x21.5x12.5  | 12            | 455x455x250     | 1800          |
| 81430300000 | ST          | Ø11.6x10.7      | 12            | 455x455x250     | 2400          |

LOGISTIC INFORMATION

| Code        | Capacity  | Quantity (un) | Measurement Inner box (mm) |
|-------------|-----------|---------------|----------------------------|
| 81420200000 | 24 fibers | 10            | 210 x 110 x 40             |

ACCESSORIES

Front Plate with  
Splice Tray for  
3 Tech Panel

barpa’s Front Plate with Splice Tray for 3 Tech Panel, provides an efficient solution for fiber optic management, supporting up to 6 SC Simplex or LC Duplex adapters. With a design that ensures a practical and organized interface, its splice tray offers optimized protection and fiber organization, ensuring maximum performance of the system.

• ISO/IEC 11801 • EN 50173-9



SPECIFICATIONS

|                                |            |                  |
|--------------------------------|------------|------------------|
| Number of ports                |            | 6                |
| Type of adapters               | SC Simplex |                  |
|                                | LC Duplex  |                  |
| Number of Splices per Cassette | SC Simplex | 6                |
|                                | LC Duplex  | 12               |
| Material                       |            | SPCC Steel       |
| Surface                        |            | Powder Coating   |
| Color                          |            | Black (RAL 9005) |
| Dimensions (mm)                |            | 128x140x40       |
| Weight (kg)                    |            | 0,38             |

LOGISTICS INFORMATION

| Inner Box   |                 |               | Outer Box       |               |
|-------------|-----------------|---------------|-----------------|---------------|
| Code        | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 82251100002 | 165x135x47      | 1             | 370x320x170     | 32            |

ACCESSORIES

Fusion Splice  
Sleeves

barpa’s Fiber Optic Fusion Splice Sleeves provide reliable protection for fiber splices. Made from high-quality materials, they feature a transparent heat-shrink coating and an internal metallic reinforcing pin, offering protection against bending and tension while ensuring excellent mechanical strength and maintaining optical performance. Their transparent design allows for easy visual inspection, while the universal fit ensures compatibility with a wide range of applications.



SPECIFICATIONS

|                             |                 |
|-----------------------------|-----------------|
| Coating Material            | Heat-shrinkable |
| Reinforcement Pin           | Metallic        |
| Shrink Temperature          | 120 °C          |
| Diameter (before shrinking) | 2,5 mm          |
| Length                      | 40 mm           |
|                             | 60 mm           |
| Color                       | Transparent     |

LOGISTICS INFORMATION

|             |                                       | Plastic Bag     |               | Outer Box       |               |
|-------------|---------------------------------------|-----------------|---------------|-----------------|---------------|
| Code        | Description                           | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 81450104000 | FO Fusion Splice Sleeves 2,5mm - 40mm | 60x85           | 12            | 420x305x290     | 24000         |
| 81450106000 | FO Fusion Splice Sleeves 2,5mm - 60mm | 62x80           | 12            | 460x320x280     | 24000         |

ACCESSORIES

Ultra High Density Cassettes

barpa UHD Cassettes are designed to be installed in the barpa UHD patch panel. They are used to manage optical fiber terminations in configurations of 8F or 12F. These cassettes can be supplied already preconfigured or empty for splicing. Featuring a special design, the cassettes are easy to install and remove.

- ISO/IEC 11801; • EN 50173-1; • IEC 61754-1;
- ANSI/TIA-568.3-E;



It's possible to make a configuration to your needs, contact our support team.

LOGISTIC INFORMATION

| Code        | Description                             | Inner Box       |                   |                 | Outer Box       |                   |                 | Quantity (un) |
|-------------|-----------------------------------------|-----------------|-------------------|-----------------|-----------------|-------------------|-----------------|---------------|
|             |                                         | Dimensions (mm) | Gross Weight (kg) | Net Weight (kg) | Dimensions (mm) | Gross Weight (kg) | Net Weight (kg) |               |
| 81504081012 | MTP®-LC 8F G657A1 Polarity B            | 190x100x18      | 0,070             | 0,050           | 395x180x230     | 3,100             | 2,800           | 36            |
| 81504082012 | MTP®-LC 8F OM3 Polarity B               | 190x100x18      | 0,070             | 0,050           | 395x180x230     | 3,100             | 2,800           | 36            |
| 81504083012 | MTP®-LC 8F OM4 Polarity B               | 190x100x18      | 0,070             | 0,050           | 395x180x230     | 3,100             | 2,800           | 36            |
| 81504084012 | MTP®-LC 8F OM5 Polarity B               | 190x100x18      | 0,070             | 0,050           | 395x180x230     | 3,100             | 2,800           | 36            |
| 81504121011 | MTP®-LC 12F G657A1 Polarity U1          | 190x100x18      | 0,100             | 0,080           | 395x180x230     | 4,200             | 3,900           | 36            |
| 81504122011 | MTP®-LC 12F OM3 Polarity U1             | 190x100x18      | 0,100             | 0,080           | 395x180x230     | 4,200             | 3,900           | 36            |
| 81504123011 | MTP®-LC 12F OM4 Polarity U1             | 190x100x18      | 0,100             | 0,080           | 395x180x230     | 4,200             | 3,900           | 36            |
| 81504124011 | MTP®-LC 12F OM5 Polarity U1             | 190x100x18      | 0,100             | 0,080           | 395x180x230     | 4,200             | 3,900           | 36            |
| 81504121030 | Splice Cassette with 12 LC OS2 Adapters | 190x100x18      | 0,090             | 0,070           | 395x180x230     | 3,800             | 3,500           | 36            |
| 81504122030 | Splice Cassette with 12 LC OM3 Adapters | 190x100x18      | 0,090             | 0,070           | 395x180x230     | 3,800             | 3,500           | 36            |
| 81504123030 | Splice Cassette with 12 LC OM4 Adapters | 190x100x18      | 0,090             | 0,070           | 395x180x230     | 3,800             | 3,500           | 36            |
| 81504124030 | Splice Cassette with 12 LC OM5 Adapters | 190x100x18      | 0,090             | 0,070           | 395x180x230     | 3,800             | 3,500           | 36            |

copper



Click on the range of products you want to explore.  
If you want to see the copper guideline go to the next page.

|            | CATEGORY / CLASS                                           | CABLE                                               | PATCH CORD                        | KEYSTONE                               | PATCH PANEL                             | PLUGS                                          |                                              | FACEPLATES, TOOLS, ACCESSORIES          |                                     |
|------------|------------------------------------------------------------|-----------------------------------------------------|-----------------------------------|----------------------------------------|-----------------------------------------|------------------------------------------------|----------------------------------------------|-----------------------------------------|-------------------------------------|
|            |                                                            |                                                     |                                   |                                        |                                         | FIELD TERM PLUG                                | MODULAR PLUG                                 |                                         |                                     |
| SHIELDED   | CAT.8 CLASS I<br>40 GB / 2000MHZ                           | Cat.8 S/FTP - LSZH<br>22 AWG - 0,62mm               | Cat.8 S/FTP LSZH<br>1m to 3m      | Cat.8 STP                              | Empty Patch Panel<br>12 and 24 Ports    | Field Term Plug<br>RJ45 Cat.8 STP              |                                              | Copper Tape                             | Surface Mount Box                   |
|            | CAT.7 CLASS F<br>600MHZ<br>&<br>CAT.7A CLASS FA<br>1000MHZ | Cat.7A S/FTP - LSZH<br>23 AWG - 0,56mm              |                                   |                                        | 3 Tech Patch Panel                      |                                                |                                              | Dust Cover for<br>Patch Panel           | American Style<br>120 Faceplate     |
|            |                                                            | Cat.7 S/FTP - LSZH<br>23 AWG - 0,56 mm              |                                   |                                        | Angled Patch Panel<br>Empty 24 Ports 1U |                                                |                                              |                                         |                                     |
|            | CAT. 6A<br>CLASS EA<br>500 MHZ                             | Cat.6A S/FTP - PE<br>23 AWG - 0,56mm                | Cat.6A S/FTP LSZH<br>0,15m to 50m | Cat.6A STP                             | Cat.6A STP 24 Ports<br>1U IDC 90°       | Field Term Plug<br>The Lyra RJ45<br>Cat.6A STP | RJ45 Modular Plug<br>Cat.6A STP<br>23 AWG    | Velcro                                  | Din Rail                            |
|            |                                                            | Cat.6A S/FTP - LSZH<br>23 AWG - 0,56mm              |                                   |                                        | Cat.6 STP 24 Ports<br>1U IDC 90°        |                                                |                                              |                                         |                                     |
|            |                                                            | Cat.6A U/FTP - LSZH<br>23 AWG - 0,56mm              |                                   |                                        | Empty Patch Panel<br>12 and 24 Ports    |                                                |                                              |                                         |                                     |
|            |                                                            | Cat.6A U/FTP - LSZH Duplex<br>23 AWG - 0,56mm       |                                   |                                        |                                         |                                                |                                              |                                         |                                     |
|            | CAT. 6<br>CLASS E<br>250 MHZ                               | Cat.6 S/FTP - PE<br>23 AWG - 0,56mm                 | Cat.6 S/FTP LSZH<br>0,15m to 50m  | Cat.6 STP                              | 3 Tech Patch Panel                      |                                                | RJ45 Modular Plug<br>Cat.6 STP<br>23 AWG     |                                         |                                     |
|            |                                                            | Cat.6 U/FTP - LSZH<br>23 AWG - 0,56mm               |                                   |                                        | Angled Patch Panel<br>Empty 24 Ports 1U |                                                |                                              |                                         |                                     |
|            |                                                            | Cat.6 U/FTP - PE<br>23 AWG - 0,56mm                 |                                   |                                        |                                         |                                                |                                              |                                         |                                     |
|            | CAT. 3                                                     |                                                     |                                   |                                        | Cat3 25, 50 Ports 1U                    |                                                |                                              |                                         |                                     |
| UNSHIELDED | CAT.6A<br>CLASS EA<br>500 MHZ                              | Cat.6A U/UTP - LSZH<br>23 AWG - 0,58mm              | Cat.6A UTP PUR<br>0,25m to 5m     | Cat.6A UTP                             | Cat.6A UTP 24 Ports<br>1U IDC 180°      |                                                | RJ45 Modular Plug<br>Cat.6A UTP<br>23-24 AWG | Crimping Tool for<br>Keystone Jack RJ45 |                                     |
|            |                                                            | Cat.6A U/UTP Extreme<br>LSZH 23 AWG - 0,57mm        | Cat.6A U/UTP LSZH<br>0,15m to 50m | Cat.6A UTP<br>90°/180°                 | Cat.6 UTP 24 Ports<br>1U IDC 180°       |                                                |                                              |                                         | RJ45 Modular Plug Cable<br>Boot UTP |
|            |                                                            | Cat.6A U/UTP - PE<br>23 AWG - 0,565mm               |                                   |                                        |                                         |                                                |                                              | 45x45 for RJ45<br>1/2 ports             |                                     |
|            | CAT.6<br>CLASS E<br>250 MHZ                                | Cat.6 U/UTP - LSZH<br>23 AWG - 0,55mm               | Cat.6 U/UTP LSZH<br>0,15m to 50m  | Cat.6 UTP<br><br>Cat.6 UTP<br>90°/180° | Empty Patch Panel<br>12 and 24 Ports    |                                                | RJ45 Modular Plug<br>Cat.6 UTP<br>23-24 AWG  |                                         | RJ45 Plug Dust Cap                  |
|            |                                                            | Cat.6 U/UTP - LSZH<br>24 AWG                        |                                   |                                        | 3 Tech Patch Panel                      |                                                |                                              |                                         |                                     |
|            |                                                            | Cat.6 U/UTP - PE<br>Jelly Filledl - 23 AWG - 0,55mm |                                   |                                        |                                         |                                                |                                              | Angled 45x45 for<br>RJ45 1/2 ports      | RJ45 Modular Plug<br>Crimp Tool     |
|            |                                                            | Cat.6 U/UTP - PE<br>23 AWG - 0,565mm                |                                   |                                        | Angled Patch Panel<br>Empty 24 Ports 1U |                                                |                                              |                                         |                                     |
|            |                                                            | Cat.6 U/UTP PVC<br>24 AWG                           |                                   |                                        |                                         |                                                |                                              |                                         |                                     |
|            |                                                            |                                                     |                                   |                                        |                                         |                                                |                                              |                                         |                                     |
|            |                                                            |                                                     |                                   |                                        |                                         |                                                |                                              |                                         |                                     |
|            |                                                            |                                                     |                                   |                                        |                                         |                                                |                                              |                                         |                                     |
|            |                                                            |                                                     |                                   |                                        |                                         |                                                |                                              |                                         |                                     |
|            |                                                            |                                                     |                                   |                                        |                                         |                                                |                                              |                                         |                                     |

copper guideline

 Click on the product you want to know more.

CABLE

Cat.8.1 S/FTP - LSZH  
22 AWG

Performance specified up to 2000MHz. Individual foil pairs with external S foil. Decreasing length cable markings - Easy identification of remaining cable reduces installation time and cable scrap. Designed to Support all Class I protocols including 25/40GBASE-T. Supports Power Over Ethernet (PoE), Power Over Ethernet Plus (PoE+), High Power Ethernet (PoE++) and 4 Pair Power Over Ethernet (4PPoE) Applications.

**ELECTRICAL PERFORMANCE** • ISO/IEC 11801; • EN 50173; • EN 50288-12-1; • ANSI/TIA-568.2-D;  
**REACTION TO FIRE** IEC 60332-1; • IEC 60754-2; • IEC 61034-2; • EN 50399; • EN 50575;  
**POE** • IEEE 802.3bt PoE Type 1, 2, 3 and 4.

25 YEARS WARRANTY

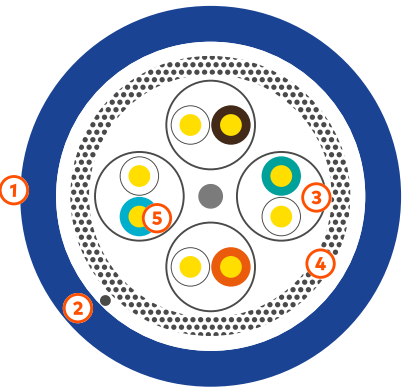
LSZH

CE

ROHS

B2ca

TAILOR MADE



- 1 Outer Jacket
- 2 Rip-cord
- 3 Al/Mylar
- 4 Braid
- 5 Conductor

SPECIFICATIONS

|                                                                                       |              |                            |
|---------------------------------------------------------------------------------------|--------------|----------------------------|
| Sheath                                                                                | External O.D | 8,20 ± 0,35mm              |
|                                                                                       | Material     | LSZH (complies RoHS)       |
|                                                                                       | Color        | Blue (RAL 5002)            |
| 1-100MHz - Impedance (Ω)<br>100-250MHz - Impedance (Ω)<br>250-2000MHz - Impedance (Ω) |              | 100±15<br>100±22<br>100±25 |
| 1-2000MHz - Velocity of Propagation (%) - NVP                                         |              | 76                         |

LOGISTIC INFORMATION

| Code          | Type of package | Size (mm)   | Gross Weight (kg) | Net Weight (kg) | Quantity (m) | CPR Class      |
|---------------|-----------------|-------------|-------------------|-----------------|--------------|----------------|
| 82226427030B2 | Reel            | 400x400x300 | 25                | 23              | 305          | B2ca-s1a,d0,a1 |

CABLE

Cat.7A S/FTP - LSZH  
23 AWG - 0,56mm

The cable is individual screen for each pair and then overall braid screen to improve the quality of the transmission. This cable is designed to support all Class FA protocols including 10GBASE-T, with a performance up to 1000MHz. It's used to horizontal and backbone area.

- ISO/IEC 11801; • ISO/IEC 61156-5; • EN 50288-9-1;
- EN 50173; • IEC 60332-3-24; • IEC 60754; • IEC 61034;
- YD/T 1019; • EN 50575.



CE

ROHS

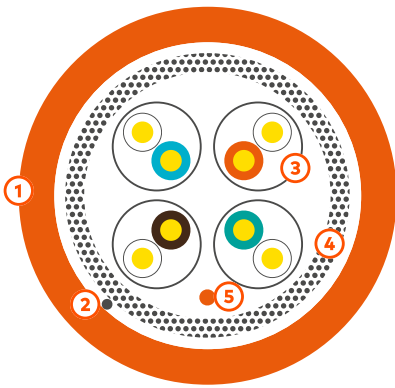
CPR

LSZH

23 AWG

25 YEARS WARRANTY

Non standards colors & configurations available on request. Available in different CPR classes. Please specify when request.



- 1 Outer Jacket
- 2 Rip-cord
- 3 Al/Mylar
- 4 Braid
- 5 Drain wire

SPECIFICATIONS

|                                               |                     |                      |
|-----------------------------------------------|---------------------|----------------------|
| Sheath                                        | Outer Diameter (mm) | 7.8 ± 0.5            |
|                                               | Material            | LSZH (complies RoHS) |
|                                               | Color               | Orange (RAL2003)     |
| 1-100MHz - Impedance (Ω)                      |                     | 100 ± 15             |
| 100-250MHz - Impedance (Ω)                    |                     | 100 ± 18             |
| 250-1000MHz - Impedance (Ω)                   |                     | 100 ± 25             |
| 1-1000MHz - Velocity of Propagation (%) - NVP |                     | 74                   |

LOGISTIC INFORMATION

| Code          | CPR - Class      | Type of Packaging | Packaging Dimension (mm) | Gross Weight (kg/item) | Net Weight (kg/item) | Quantity (m) |
|---------------|------------------|-------------------|--------------------------|------------------------|----------------------|--------------|
| 82225421030C1 | Cca - s1, d1, a1 | Drum              | Ø380x240                 | 19                     | 17.5                 | 305          |
| 82225421050C1 | Cca - s1, d1, a1 | Drum              | Ø380x390                 | 31                     | 28.5                 | 500          |

CABLE

Cat.7 S/FTP - LSZH  
23 AWG - 0,56 mm

The cable is individual screen for each pair and then overall braid screen to improve the quality of the transmission. This cable is designed to support all Class F protocols including 10GBASE-T, with a performance up to 600MHz. It's used to horizontal and backbone area.

- ISO/IEC 11801; • ISO/IEC 61156-5; • EN 50288-4-1;
- EN 50173-1; • IEC 60332-1; • IEC 60754-2; • IEC 61034;
- YD/T 1019; • EN 50575.



CE

ROHS

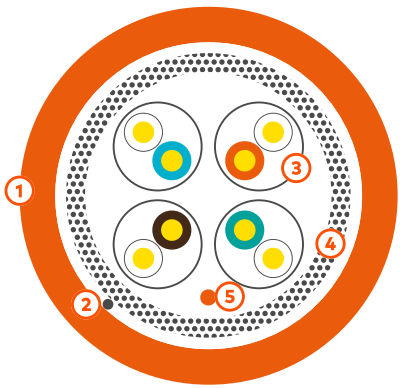
CPR

LSZH

23 AWG

25 YEARS WARRANTY

Non standards colors & configurations available on request. Available in different CPR classes. Please specify when request.



- 1 Outer Jacket
- 2 Rip-cord
- 3 Al/Mylar
- 4 Braid
- 5 Drain wire

SPECIFICATIONS

|                                              |                     |                      |
|----------------------------------------------|---------------------|----------------------|
| Sheath                                       | Outer Diameter (mm) | 7.8 ± 0.5            |
|                                              | Material            | LSZH (complies RoHS) |
|                                              | Color               | Orange (RAL2003)     |
| 1-100MHz - Impedance (Ω)                     |                     | 100 ± 15             |
| 100-250MHz - Impedance (Ω)                   |                     | 100 ± 18             |
| 250-600MHz - Impedance (Ω)                   |                     | 100 ± 25             |
| 1-600MHz - Velocity of Propagation (%) - NVP |                     | 74                   |

LOGISTIC INFORMATION

| Code          | CPR - Class       | Type of Packaging | Packaging Dimension (mm) | Gross Weight (kg/item) | Net Weight (kg/item) | Quantity (m) |
|---------------|-------------------|-------------------|--------------------------|------------------------|----------------------|--------------|
| 82224421030C1 | Cca - s1a, d1, a1 | Drum              | Ø380x240                 | 19                     | 17.5                 | 305          |
| 82224421050C1 | Cca - s1a, d1, a1 | Drum              | Ø380x390                 | 31                     | 28.5                 | 500          |

CABLE

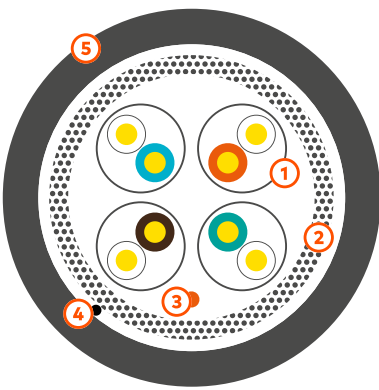
Cat.6A S/FTP - PE  
23 AWG - 0,56mm

The cable, mainly for outdoor, is individual screen for each pair and then overall braid screen to improve the quality of your permanent-link or channel. This cable is designed to Support all Class EA protocols including 10GBASE-T, with a performance up to 500MHz.

• ISO/IEC 11801; • ISO/IEC 61156-5; • EN 50288-4-1;  
• EN 50173-1; • IEC 60332-1; • IEC 60754-2; • IEC 61034;  
• YD/T 1019; • ANSI-TIA-568-C.2; • EN 50575.



Non standards colors & configurations available on request.



- 1 Aluminum foil
- 2 Braid
- 3 Drain wire
- 4 Rip-cord
- 5 Outer Jacket

SPECIFICATIONS

|                                              |                     |                      |
|----------------------------------------------|---------------------|----------------------|
| Sheath                                       | Outer Diameter (mm) | 7.6 ± 0.5            |
|                                              | Material            | LDPE (complies RoHS) |
|                                              | Color               | Black (RAL9005)      |
| 1-500MHz - Impedance (Ω)                     |                     | 100 ± 15             |
| 1-500MHz - Velocity of Propagation (%) - NVP |                     | 74                   |

LOGISTIC INFORMATION

| Code        | CPR - Class | Type of Packaging | Packaging Dimension (mm) | Gross Weight (kg/item) | Net Weight (kg/item) | Quantity (m) |
|-------------|-------------|-------------------|--------------------------|------------------------|----------------------|--------------|
| 82223434050 | Fca         | Drum              | Ø380x390                 | 29.5                   | 27.0                 | 500          |

CABLE

Cat.6A S/FTP - LSZH  
23 AWG - 0,56mm

This cable has a pair to pair shielding that allows to significantly improve the quality of the permanent link or channel. With a maximum performance of 500MHz and 10G, it was designed to support PoE, voice, video and Gigabit Ethernet.

- ISO/IEC 11801; • ISO/IEC 61156-5; • EN 50288-4-1;
- EN 50173-1; • IEC 60332-1; • EN 50575; • IEC 60754-2;
- IEC 61034; • YD/T 1019; • ANSI-TIA-568-C.2;
- IEC 60332-3A.



CE

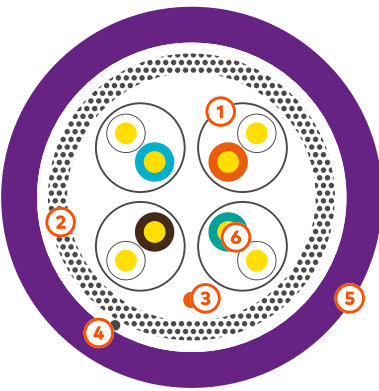
ROHS

LSZH

23 AWG

25 YEARS WARRANTY

Non standards colors & configurations available on request.



- 1 Aluminum foil
- 2 Braid
- 3 Drain Wire
- 4 Rip-Cord
- 5 Jacket

SPECIFICATIONS

|                                              |                     |                      |
|----------------------------------------------|---------------------|----------------------|
| Sheath                                       | Outer Diameter (mm) | 7.6 ± 0.5            |
|                                              | Material            | LSZH (complies RoHS) |
|                                              | Color               | Purple (RAL4005)     |
| 1-250MHz - Impedance (Ω)                     |                     | 100 ± 15             |
| 250-500MHz - Impedance (Ω)                   |                     | 100 ± 22             |
| 1-500MHz - Velocity of Propagation (%) - NVP |                     | 74                   |

LOGISTIC INFORMATION

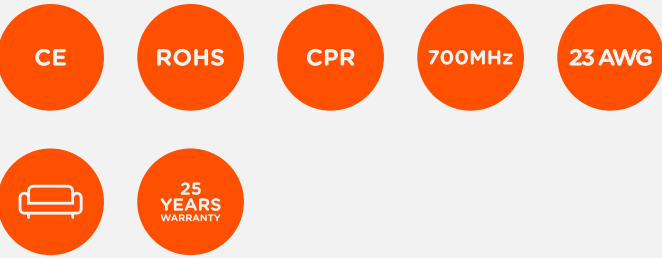
| Code          | CPR - Class        | Type of Packaging | Packaging Dimension (mm) | Gross Weight (kg/item) | Net Weight (kg/item) | Quantity (m) |
|---------------|--------------------|-------------------|--------------------------|------------------------|----------------------|--------------|
| 82223422050C1 | Cca - s1, d1, a1   | Drum              | Ø380x390                 | 30.3                   | 27.8                 | 500          |
| 82223422050B2 | B2ca - s1a, d1, a1 | Drum              | Ø380x390                 | 30.3                   | 27.8                 | 500          |

CABLE

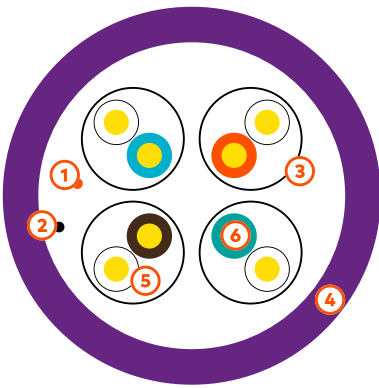
Cat.6A U/FTP - LSZH  
23 AWG - 0,56mm -  
700MHz

The cable is individual screen for each pair to improve the quality of your permanent-link or channel. This cable is designed to Support all Class EA protocols including 10GBASE-T, with a performance up to 700MHz, tested in independent lab.

- ISO/IEC 11801 • ISO/IEC 61156-5 • EN 50288-4-1
- EN 50173-1 • IEC 60332-1 • IEC 60754-2 • IEC 61034
- YD/T 1019 • ANSI-TIA-568-C.2; • EN 50575;
- IEC 60332-3A.



Non standards colors & configurations available on request. Available in different CPR classes. Please specify when request.



- 1 Drain wire
- 2 Rip-cord
- 3 Aluminum foil
- 4 Outer Jacket
- 5 Insulation
- 6 Conductor

SPECIFICATIONS

|                                              |                     |                      |
|----------------------------------------------|---------------------|----------------------|
| Sheath                                       | Outer Diameter (mm) | 7.4 ± 0.5            |
|                                              | Material            | LSZH (complies RoHS) |
|                                              | Color               | Purple (RAL4005)     |
| 1-250MHz - Impedance (Ω)                     |                     | 100 ± 15             |
| 250-500MHz - Impedance (Ω)                   |                     | 100 ± 22             |
| 1-500MHz - Velocity of Propagation (%) - NVP |                     | 74                   |

LOGISTIC INFORMATION

| Code          | CPR - Class       | Type of Packaging | Packaging Dimension (mm) | Gross Weight (kg/item) | Net Weight (kg/item) | Quantity (m) |
|---------------|-------------------|-------------------|--------------------------|------------------------|----------------------|--------------|
| 82223222010D1 | Dca - s1, d2, a1  | Box               | 280x160x280              | 5.7                    | 5.3                  | 100          |
| 82223222031D1 | Dca - s1, d2, a1  | Reel in Box       | Ø380x240                 | 16.5                   | 15                   | 305          |
| 82223222050D1 | Dca - s1, d2, a1  | Drum              | Ø380x390                 | 27                     | 24.5                 | 500          |
| 82223222050C1 | Cca - s1a,d1,a1   | Drum              | Ø380x390                 | 27                     | 24.5                 | 500          |
| 82223222100C1 | Cca - s1a, d1, a1 | Drum              | Ø570x300                 | 61                     | 57.3                 | 1000         |

CABLE

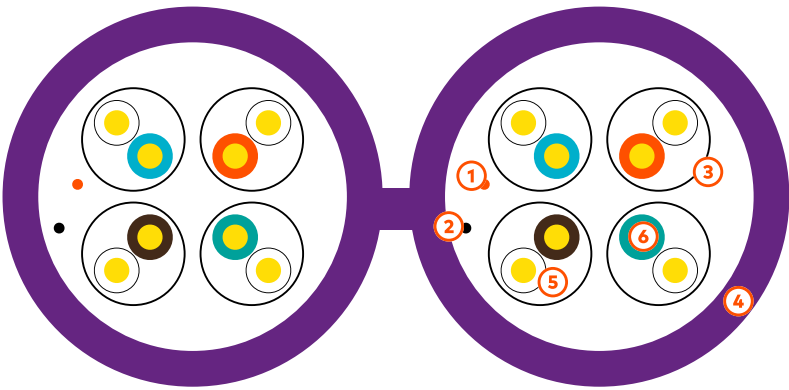
Cat.6A U/FTP -  
LSZH Double Sheath  
23 AWG - 0,56mm -  
700 MHz

The cable is individual screen for each pair to improve the quality of your permanent-link or channel. This cable is designed to Support all Class EA protocols including 10GBASE-T, with a performance up to 700MHz, tested in independent lab.

- ISO/IEC 11801 • ISO/IEC 61156-5 • EN 50288-4-1;
- EN 50173 • EN 50575 • YD/T 1019 • ANSI-TIA-568-D.2
- IEC 60332-1-[1,2] • IEC 60754-[1,2] • IEC 61034-[1,2];
- IEC 60332-3A.



Non standards colors & configurations available on request. Available in different CPR classes. Please specify when request.



- 1 Drain wire
- 2 Rip-cord
- 3 Aluminum foil
- 4 Outer Jacket
- 5 Insulation
- 6 Conductor

SPECIFICATIONS

|                                              |                     |                      |
|----------------------------------------------|---------------------|----------------------|
| Sheath                                       | Outer Diameter (mm) | (7.4-16.0) ± 0.5     |
|                                              | Material            | LSZH (complies RoHS) |
|                                              | Color               | Purple (RAL4005)     |
| 1-250MHz - Impedance (Ω)                     |                     | 100 ± 15             |
| 250-500MHz - Impedance (Ω)                   |                     | 100 ± 22             |
| 1-500MHz - Velocity of Propagation (%) - NVP |                     | 74                   |

LOGISTIC INFORMATION

| Code            | CPR - Class       | Type of Packaging | Packaging Dimension (mm) | Gross Weight (kg/item) | Net Weight (kg/item) | Quantity (m) |
|-----------------|-------------------|-------------------|--------------------------|------------------------|----------------------|--------------|
| 82223222050C1-2 | Cca - s1a, d1, a1 | Drum              | 500x200x360              | 60                     | 54.5                 | 500          |

CABLE

Cat.6A U/UTP - LSZH  
23 AWG - 0,565mm

Unscreened Cat.6  
Augmented barpa cable has  
a high performance for your  
permanent-link or channel.  
This cable is designed to  
Support all Class EA protocols  
including 10GBASE-T, with a  
performance up to 500MHz.

- ISO/IEC 11801; • ISO/IEC 61156-5; • EN 50288-4-1;
- EN 50173-1; • IEC 60332-1; • IEC 60754-2; • IEC 61034;
- YD/T 1019; • ANSI-TIA-568-C.2; • EN 50575;
- IEC 60332-3A.



CE

ROHS

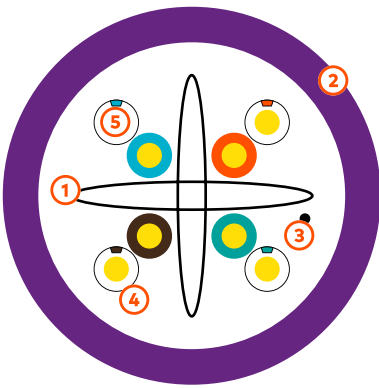
CPR

LSZH

23 AWG

25 YEARS WARRANTY

Non standards colors & configurations available on request. Available in different CPR classes. Please specify when request.



- 1 Cross Separator
- 2 Outer Jacket
- 3 Rip-cord
- 4 Insulation
- 5 Conductor

SPECIFICATIONS

|                                              |                     |                      |
|----------------------------------------------|---------------------|----------------------|
| Sheath                                       | Outer Diameter (mm) | 7.1 ± 0.4            |
|                                              | Material            | LSZH (complies RoHS) |
|                                              | Color               | Purple (RAL4005)     |
| 1-500MHz - Impedance (Ω)                     |                     | 100 ± 15             |
| 1-500MHz - Velocity of Propagation (%) - NVP |                     | 68                   |

LOGISTIC INFORMATION

| Code          | CPR - Class       | Type of Packaging | Packaging Dimension (mm) | Gross Weight (kg/item) | Net Weight (kg/item) | Quantity (m) |
|---------------|-------------------|-------------------|--------------------------|------------------------|----------------------|--------------|
| 82223122030D1 | Dca - s2, d2, a1  | Reel in Box       | 375x335x375              | 16.5                   | 14.5                 | 305          |
| 82223122050D1 | Dca - s2, d2, a1  | Drum              | Ø380x320                 | 25.7                   | 23.7                 | 500          |
| 82223122050B1 | B2ca - s1, d2, a1 | Drum              | Ø380x320                 | 25.7                   | 23.7                 | 500          |

CABLE

Extreme Cat.6A  
U/UTP - LSZH  
23 AWG - 0,57mm

Certified by lab Force in Permanent Link including all Alien Crosstalk parameters (PS ANEXT and PS AACR-F). Performance specified up to 500MHz. Decreasing length cable markings - Easy identification of remaining cable reduces installation time and cable scrap. Designed to Support all Class EA protocols including 10GBASE-T.

**ELECTRICAL PERFORMANCE** • ISO/IEC 11801;  
• IEC 61156-5; • EN50173; • ANSI/TIA-568-D; • UL444.  
**REACTION TO FIRE** • EN 60754-2:2014;  
• EN 61034-2:2005+A1:2014; • EN 50575:2014+A1:2016;  
• EN 60332-1-2:2004+A1:2015+A11:2016;  
• EN 50399:2011+A1:2016; • RoHS.  
**POE** • IEEE 802.3bt PoE Type 1, 2, 3 and 4.



CE

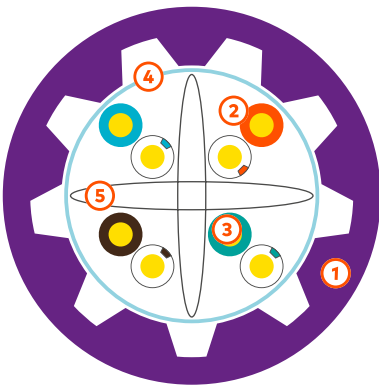
ROHS

CPR

LSZH

23 AWG

25 YEARS WARRANTY



- 1 Sheath
- 2 Insulation
- 3 Conductor
- 4 PET Tape
- 5 Cross Separator

SPECIFICATIONS

|                                              |                     |                         |
|----------------------------------------------|---------------------|-------------------------|
| Sheath                                       | Outer Diameter (mm) | 8,6±0,30mm              |
|                                              | Material            | FR-LSZH (complies RoHS) |
|                                              | Color               | Purple (RAL4005)        |
| 1-500MHz - Impedance (Ω)                     |                     | 100 ± 15                |
| 1-500MHz - Velocity of Propagation (%) - NVP |                     | 68                      |

LOGISTIC INFORMATION

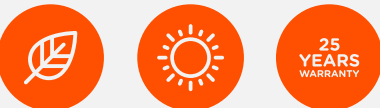
| Code          | CPR - Class    | Type of Packaging | Packaging Dimension (mm) | Gross Weight (kg/item) | Net Weight (kg/item) | Quantity (m) |
|---------------|----------------|-------------------|--------------------------|------------------------|----------------------|--------------|
| 82223122050B3 | B2ca-s1a,d0,a1 | Drum              | 550x550x230              | 34                     | 32                   | 500          |

CABLE

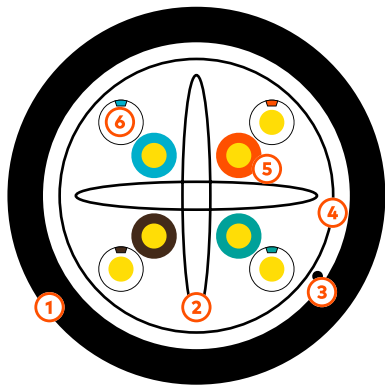
Cat.6A U/UTP - PE  
23 AWG - 0,565mm

Unscreened Cat.6  
Augmented barpa cable has  
a high performance for your  
permanent-link or channel  
to use in the exterior. This  
cable is designed to Support  
all Class EA protocols  
including 10GBASE-T, with a  
performance up to 500MHz.

- ISO/IEC 11801; • ISO/IEC 61156-5; • EN 50288-4-1;
- EN 50173-1; • IEC 60332-1; • IEC 60754-2; • IEC 61034;
- YD/T 1019; • ANSI-TIA-568-C.2; • EN 50575;
- IEC 60332-1; • IEC 60754-2; • IEC 61034.



Non standards colors & configurations available on  
request.



- 1 Outer Jacket
- 2 Cross Separator
- 3 Rip-cord
- 4 PET tape
- 5 Insulation
- 6 Conductor

SPECIFICATIONS

|                                              |                     |                      |
|----------------------------------------------|---------------------|----------------------|
| Sheath                                       | Outer Diameter (mm) | 6.9 ± 0.5            |
|                                              | Material            | LDPE (complies RoHS) |
|                                              | Color               | Black (RAL9005)      |
| 1-500MHz - Impedance (Ω)                     |                     | 100 ± 15             |
| 1-500MHz - Velocity of Propagation (%) - NVP |                     | 69                   |

LOGISTIC INFORMATION

| Code        | CPR - Class | Type of Packaging | Packaging Dimension (mm) | Gross Weight (kg/item) | Net Weight (kg/item) | Quantity (m) |
|-------------|-------------|-------------------|--------------------------|------------------------|----------------------|--------------|
| 82223134050 | Fca         | Drum              | Ø380x320                 | 24                     | 22                   | 500          |

CABLE

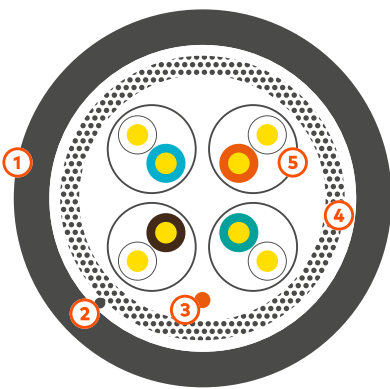
Cat.6 S/FTP - PE  
23 AWG - 0,56mm

The cable, mainly for outdoor, is individual screen for each pair and then overall braid screen to improve the quality of your permanent-link or channel. This cable is designed to Support PoE, voice, video and Gigabit Ethernet, with a performance up to 250MHz (550MHz is also reachable) and 1G.

• ISO/IEC 11801; • ISO/IEC 61156-5; • EN 50288-6-1; • EN 50173-1; • IEC 60332-1; • IEC 60754-2; • IEC 61034; • YD/T 1019; • ANSI-TIA-568-C.2; • EN 50575.



Non standards colors & configurations available on request.



- 1 Outer Jacket
- 2 Rip-cord
- 3 Drain wire
- 4 Braid
- 5 Aluminum foil

SPECIFICATIONS

|                                              |                     |                      |
|----------------------------------------------|---------------------|----------------------|
| Sheath                                       | Outer Diameter (mm) | 7.6 ± 0.5            |
|                                              | Material            | LPDE (complies RoHS) |
|                                              | Color               | Black (RAL9005)      |
| 1-250MHz - Impedance (Ω)                     |                     | 100 ± 15             |
| 1-250MHz - Velocity of Propagation (%) - NVP |                     | 74                   |

LOGISTIC INFORMATION

| Code        | CPR - Class | Type of Packaging | Packaging Dimension (mm) | Gross Weight (kg/item) | Net Weight (kg/item) | Quantity (m) |
|-------------|-------------|-------------------|--------------------------|------------------------|----------------------|--------------|
| 82222434050 | Fca         | Drum              | Ø380x385                 | 27                     | 24.5                 | 500          |

CABLE

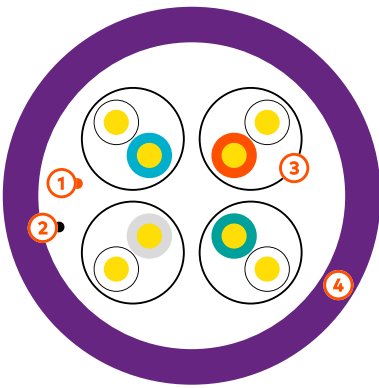
Cat.6 U/FTP - LSZH  
23 AWG - 0,56mm

The cable is individual screen for each pair to improve the quality of your permanent-link or channel. This cable is designed to Support PoE, voice, video and Gigabit Ethernet, with a performance up to 250MHz (550MHz is also reachable) and 1G.

• ISO/IEC 11801; • ISO/IEC 61156-5; • EN 50288-6-1;  
• EN 50173-1; • IEC 60332-1; • IEC 60754-2; • IEC 61034;  
• YD/T 1019; • ANSI-TIA-568-C.2; • EN 50575;  
• IEC 60332-3A.



Non standards colors & configurations available on request. Available in different CPR classes. Please specify when request.



- 1 Drain wire
- 2 Rip-cord
- 3 Aluminum foil
- 4 Outer Jacket

SPECIFICATIONS

|                                              |                     |                      |
|----------------------------------------------|---------------------|----------------------|
| Sheath                                       | Outer Diameter (mm) | 7.3 ± 0.4            |
|                                              | Material            | LSZH (complies RoHS) |
|                                              | Color               | Purple (RAL4005)     |
| 1-250MHz - Impedance (Ω)                     |                     | 100 ± 15             |
| 1-250MHz - Velocity of Propagation (%) - NVP |                     | 74                   |

LOGISTIC INFORMATION

| Code          | CPR - Class      | Type of Packaging | Packaging Dimension (mm) | Gross Weight (kg/item) | Net Weight (kg/item) | Quantity (m) |
|---------------|------------------|-------------------|--------------------------|------------------------|----------------------|--------------|
| 82222222030D1 | Dca - s1, d2, a1 | Reel in Box       | 375x335x375              | 17                     | 15                   | 305          |
| 82222222100D1 | Dca - s1, d2, a1 | Drum              | Ø570x325                 | 53.5                   | 49                   | 1000         |

CABLE

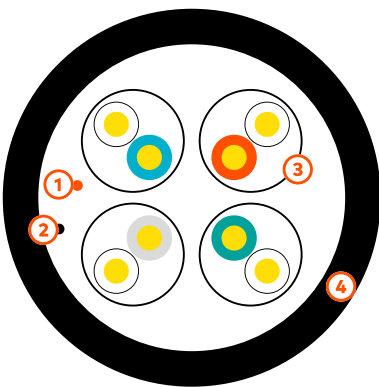
Cat.6 U/FTP - PE  
23 AWG - 0,56mm

The cable is individual screen for each pair to improve the quality of your permanent-link or channel. This cable is designed to Support PoE, voice, video and Gigabit Ethernet, with a performance up to 250MHz (550MHz is also reachable) and 1G.

• ISO/IEC 11801; • ISO/IEC 61156-5; • EN 50288-6-1; • EN 50173-1; • IEC 60332-1; • IEC 60754-2; • IEC 61034; • YD/T 1019; • ANSI-TIA-568-C.2; • EN 50575.



Non standards colors & configurations available on request.



- 1 Drain wire
- 2 Rip-cord
- 3 Aluminum foil
- 4 Sheath Exterior

SPECIFICATIONS

|                                              |                     |                      |
|----------------------------------------------|---------------------|----------------------|
| Sheath                                       | Outer Diameter (mm) | 7.3 ± 0.4            |
|                                              | Material            | LDPE (complies RoHS) |
|                                              | Color               | Black (RAL9005)      |
| 1-250MHz - Impedance (Ω)                     |                     | 100 ± 15             |
| 1-250MHz - Velocity of Propagation (%) - NVP |                     | 74                   |

LOGISTIC INFORMATION

| Code        | CPR - Class | Type of Packaging | Packaging Dimension (mm) | Gross Weight (kg/item) | Net Weight (kg/item) | Quantity (m) |
|-------------|-------------|-------------------|--------------------------|------------------------|----------------------|--------------|
| 82222234050 | Fca         | Drum              | Ø380x390                 | 25.5                   | 23                   | 500          |

CABLE

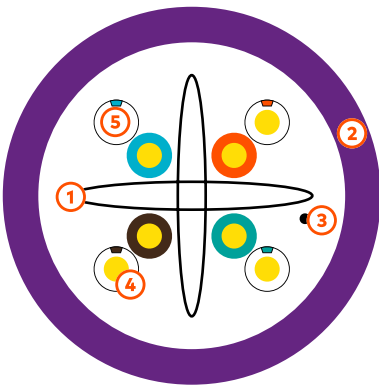
Cat.6 U/UTP - LSZH  
23 AWG - 0,55mm

Unscreened Cat.6 barpa cable has a high performance for your permanent-link or channel. This cable is designed to support PoE, voice, video and Gigabit Ethernet, with a performance up to 250MHz (550MHz is also reachable) and 1G.

- ISO/IEC 11801; • ISO/IEC 61156-5; • EN 50288-6-1;
- EN 50173-1; • IEC 60332-1; • IEC 60754-2; • IEC 61034;
- YD/T 1019; • ANSI-TIA-568-C.2; • IEC 60332-3A.



Non standards colors & configurations available on request. Available in different CPR classes. Please specify when request.



- 1 Cross Separator
- 2 Exterior Sheath
- 3 Rip-cord
- 4 Internal Sheath
- 5 Conductor

SPECIFICATIONS

|                                              |                     |                      |
|----------------------------------------------|---------------------|----------------------|
| Sheath                                       | Outer Diameter (mm) | 6.0 ± 0.4            |
|                                              | Material            | LSZH (complies RoHS) |
|                                              | Color               | Purple (RAL4005)     |
| 1-250MHz - Impedance (Ω)                     |                     | 100 ± 15             |
| 1-250MHz - Velocity of Propagation (%) - NVP |                     | 69                   |

LOGISTIC INFORMATION

| Code          | CPR - Class       | Type of Packaging | Packaging Dimension (mm) | Gross Weight (kg/item) | Net Weight (kg/item) | Quantity (m) |
|---------------|-------------------|-------------------|--------------------------|------------------------|----------------------|--------------|
| 82222122030D1 | Dca - s2, d2, a1  | Reel in Box       | 330x265x350              | 15                     | 13                   | 305          |
| 82222122050D1 | Dca - s2, d2, a1  | Drum              | Ø370x300                 | 22.5                   | 20.5                 | 500          |
| 82222122100D1 | Dca - s2, d2, a1  | Drum              | Ø560x235                 | 45.5                   | 41                   | 1000         |
| 82222122030C1 | Cca - s1a, d1, a1 | Reel in Box       | 330x265x350              | 15                     | 13                   | 305          |

CABLE

Cat.6 U/UTP - LSZH  
24 AWG

The unscreened Cat.6 barpa cable delivers high performance for your permanent link or channel. This cable supports performance up to 250MHz and data rates up to 1G.

- ISO/IEC 11801; • ISO/IEC 61156-5; • EN 50288-6-1;
- EN 50173-1; • IEC 60332-1; • IEC 60754-2; • IEC 61034;
- YD/T 1019; • ANSI-TIA-568-C.2; • EN 50575;
- IEC 60332-3A.

CE

ROHS

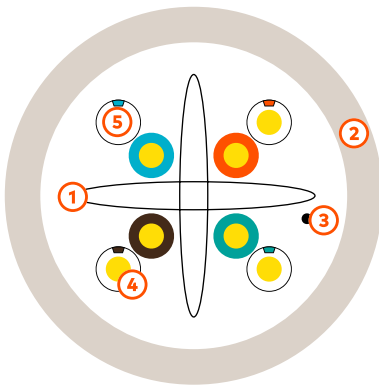
CPR

LSZH

24 AWG



Non standards colors & configurations available on request. Available in different CPR classes. Please specify when request.



- 1 Cross Separator
- 2 Exterior Sheath
- 3 Rip-cord
- 4 Internal Sheath
- 5 Conductor

SPECIFICATIONS

|                                              |                     |                                    |
|----------------------------------------------|---------------------|------------------------------------|
| Sheath                                       | Outer Diameter (mm) | 5.4 ± 0.1                          |
|                                              | Material            | LSZH (complies RoHS)               |
|                                              | Color               | White (RAL9010) or Green (RAL6018) |
| 1-250MHz - Impedance (Ω)                     |                     | 100 ± 15                           |
| 1-250MHz - Velocity of Propagation (%) - NVP |                     | 69                                 |

LOGISTIC INFORMATION

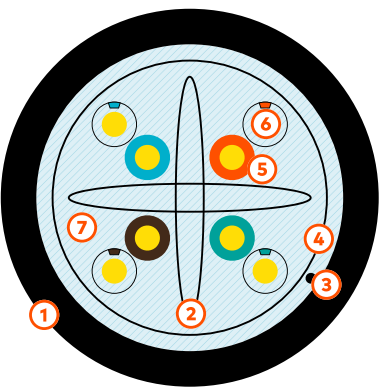
| Code          | Color | CPR - Class      | Type of Packaging | Packaging Dimension (mm) | Gross Weight (kg/item) | Net Weight (kg/item) | Quantity (m) |
|---------------|-------|------------------|-------------------|--------------------------|------------------------|----------------------|--------------|
| 82222145030D1 | White | Dca - s2, d2, a1 | Reel in Box       | 330x265x350              | 14                     | 12                   | 305          |
| 82222146030D1 | Green | Dca - s2, d2, a1 | Reel in Box       | 330x265x350              | 14                     | 12                   | 305          |
| 82222146100D1 | Green | Dca - s2, d2, a1 | Drum              | 560x200x240              | 45                     | 40                   | 1000         |

CABLE

Cat.6 U/UTP - PE  
Jelly Filled  
23 AWG - 0,55mm

This cable has high performance for permanent-link or channel. With a maximum performance of 250MHz and 1G, it was designed to support PoE, voice, video and Gigabit Ethernet. The Gel helps to repel humidity, thus improving the quality of the cable when used outdoors.

• ISO/IEC 11801; • ISO/IEC 61156-5; • EN 50288-6-1;  
• EN 50173; • YD/T 1019; • ANSI-TIA-568-C.2.



- 1

Exterior Sheath
- 2

Cross Separator
- 3

Rip-cord
- 4

PET tape
- 5

Internal Sheath
- 6

Conductor
- 7

Jelly Filled

SPECIFICATIONS

|                                              |                     |                      |
|----------------------------------------------|---------------------|----------------------|
| Sheath                                       | Outer Diameter (mm) | 1.12 ± 0.05          |
|                                              | Material            | LDPE (complies RoHS) |
|                                              | Color               | Black (RAL9005)      |
| 1-250MHz - Impedance (Ω)                     |                     | 100 ± 15             |
| 1-250MHz - Velocity of Propagation (%) - NVP |                     | 65                   |

LOGISTIC INFORMATION

| Code        | CPR - Class | Type of Packaging | Packaging Dimension (mm) | Gross Weight (kg/item) | Net Weight (kg/item) | Quantity (m) |
|-------------|-------------|-------------------|--------------------------|------------------------|----------------------|--------------|
| 82222144030 | Fca         | Drum              | Ø370x240                 | 15                     | 13                   | 305          |

CABLE

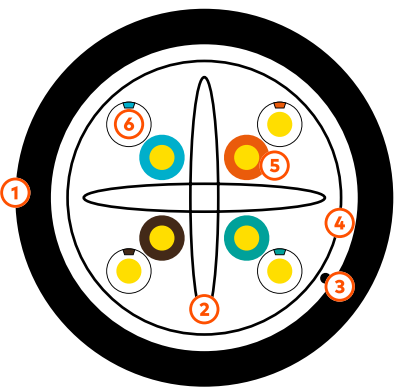
Cat.6 U/UTP - PE  
23 AWG - 0,565mm

Unscreened Cat.6 barpa cable has a high performance for your permanent-link or channel. This cable is designed to Support PoE, voice, video and Gigabit Ethernet, with a performance up to 250MHz (550MHz is also reachable) and 1G.

• ISO/IEC 11801; • ISO/IEC 61156-5; • EN 50288-6-1;  
• EN 50173-1; • IEC 60332-1; • IEC 60754-2; • IEC 61034;  
• YD/T 1019; • ANSI-TIA-568-C.2. • EN 50575.



Non standards colors & configurations available on request.



- 1 Outer Jacket
- 2 Cross Separator
- 3 Rip-cord
- 4 PET tape
- 5 Insulation
- 6 Conductor

SPECIFICATIONS

|                                              |                     |                      |
|----------------------------------------------|---------------------|----------------------|
| Sheath                                       | Outer Diameter (mm) | 6.4 ± 0.5            |
|                                              | Material            | LDPE (complies RoHS) |
|                                              | Color               | Black (RAL9005)      |
| 1-250MHz - Impedance (Ω)                     |                     | 100 ± 15             |
| 1-250MHz - Velocity of Propagation (%) - NVP |                     | 69                   |

LOGISTIC INFORMATION

| Code        | CPR - Class | Type of Packaging | Packaging Dimension (mm) | Gross Weight (kg/item) | Net Weight (kg/item) | Quantity (m) |
|-------------|-------------|-------------------|--------------------------|------------------------|----------------------|--------------|
| 82222134050 | Fca         | Drum              | Ø370x320                 | 24.0                   | 21.5                 | 500          |
| 82222134100 | Fca         | Drum              | Ø560x240                 | 42.2                   | 37.7                 | 1000         |

LOOSE TUBE

Cat.6 U/UTP PVC  
24AWG

Unscreened Cat.6 barpa cable in PVC jacket is used for less demanding environments. This cable is designed to Support PoE, voice, video and Gigabit Ethernet, with a performance up to 250MHz.

**ELECTRICAL PERFORMANCE** • ISO/IEC 11801; • EN 50173; • ANSI/ TIA-568-D; • ANSI/ TIA-568-D.2.  
**REACTION TO FIRE** • IEC 60332-1-[1,2];  
• EN 50575:2014; • EN 13501-6:2018.



CE

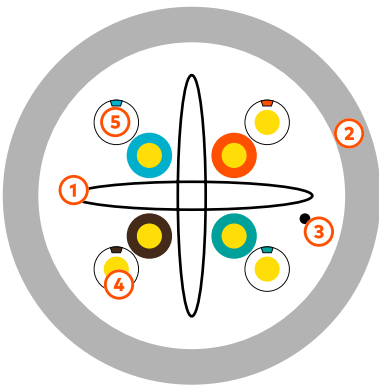
ROHS

CPR

23 AWG

PVC

Non standards colors & configurations available on request. Available in ECA.



- 1 Cross Separator
- 2 Sheath
- 3 Rip-cord
- 4 Insulation
- 5 Conductor

SPECIFICATIONS

|                                              |                     |                     |
|----------------------------------------------|---------------------|---------------------|
| Sheath                                       | Outer Diameter (mm) | 6.0 ± 0.4           |
|                                              | Material            | PVC (complies RoHS) |
|                                              | Color               | Grey (RAL7035)      |
| 1-250MHz - Impedance (Ω)                     |                     | 100 ± 15            |
| 1-250MHz - Velocity of Propagation (%) - NVP |                     | 69                  |

LOGISTIC INFORMATION

| Code        | CPR - Class | Type of Packaging | Packaging Dimension (mm) | Gross Weight (kg/item) | Net Weight (kg/item) | Quantity (m) |
|-------------|-------------|-------------------|--------------------------|------------------------|----------------------|--------------|
| 82222153030 | Eca         | Box               | 390x390x220              | 12,6                   | 11,8                 | 305          |
| 82222113100 | Eca         | Drum              | 380x160x390              | 40,0                   | 37,4                 | 1000         |

PATCH CORD

Cat.8.1 S/FTP - LSZH  
40 GB • 2000MHz

Flexible and designed for effective management of network connections, the barpa Cat.8.1 cable offers maximum protection from EMI/RFI interference. It provides up to four times more speed and frequency than Cat.6A, meeting and exceeding international standards for Cat.8 Class I (2000MHz).

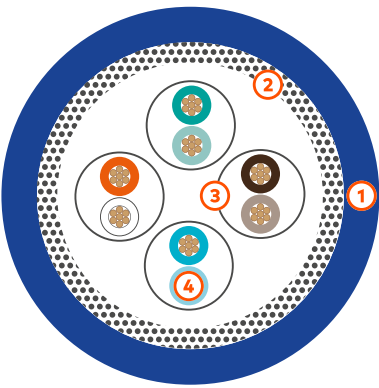
• ISO/IEC 11801; • EN 50173; • IEEE 802.3bt PoE Type 1, 2, 3 and 4; • ANSI/TIA-568.2-D

25  
YEARS  
WARRANTY

LSZH

ROHS

CE



- 1 Outer Jacket
- 2 Braid
- 3 Al/Mylar
- 4 Conductor

SPECIFICATIONS

|                                |                         |
|--------------------------------|-------------------------|
| Plug Housing                   | UL 94V2 Polyester       |
| Conector                       | 8P8C Shielded Male Type |
| Inner Conductor Diameter (AWG) | 24                      |
| Jacket                         | LSZH                    |
| Outer Diameter (mm)            | 7,4 ± 0,3               |
| Mating Cycles/Durability       | 750                     |

LOGISTIC INFORMATION

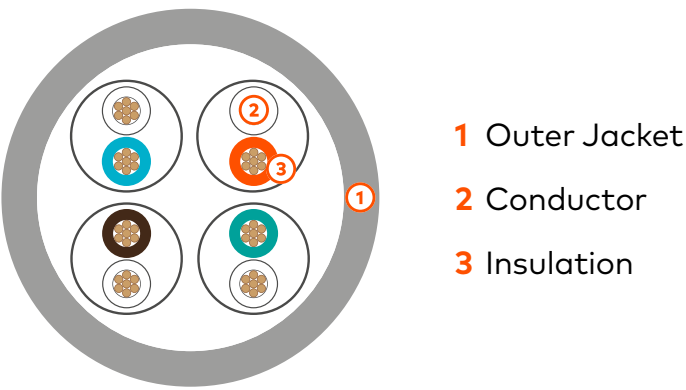
| Code        | Length<br>(m) | Mininum Order<br>Quantity (MOQ) | Inner Box        |                    |                | Outer Box        |                    |                |
|-------------|---------------|---------------------------------|------------------|--------------------|----------------|------------------|--------------------|----------------|
|             |               |                                 | Quantity<br>(un) | Dimensions<br>(mm) | Weight<br>(kg) | Quantity<br>(un) | Dimensions<br>(mm) | Weight<br>(kg) |
| 82216423010 | 1             | 1                               | 6                | 370x290x60         | 0,649          | 60               | 640x385x315        | 7,500          |
| 82216423020 | 2             | 1                               | 4                | 370x290x60         | 0,667          | 40               | 640x385x315        | 7,600          |
| 82216423030 | 3             | 1                               | 3                | 370x290x60         | 0,703          | 30               | 640x385x315        | 8,000          |

PATCH CORD

Bendable Slim  
Cat.6A

Flexible and slim, this cable is designed for effective management of network connections. It meets and exceeds international standards for Cat 6A, Class EA, offering a frequency of 500MHz and supporting data rates up to 10G. Available in grey and in various standard sizes.

- ANSI/TIA-568-C.2; • ISO/IEC 11801; • EN 50173;
- IEC 61935-2.



SPECIFICATIONS

|                                |                           |
|--------------------------------|---------------------------|
| Plug Housing                   | UL 94V2 Polyester         |
| Conector                       | 8P8C Unshielded Male Type |
| Inner Conductor Diameter (AWG) | 30                        |
| Jacket                         | PUR                       |
| Outer Diameter (mm)            | 3,00 ± 0,15 mm            |

LOGISTIC INFORMATION

| Code        | Length (m) | Color           | Mininum Order Quantity (MOQ) | Inner Box     |                 |             | Outer Box     |                 |             |
|-------------|------------|-----------------|------------------------------|---------------|-----------------|-------------|---------------|-----------------|-------------|
|             |            |                 |                              | Quantity (un) | Dimensions (mm) | Weight (kg) | Quantity (un) | Dimensions (mm) | Weight (kg) |
| 82213141002 | 0,25       | Grey (RAL 7035) | 1                            | 100           | 277x147x108     | 1,412       | 800           | 580x320x240     | 12,096      |
| 82213141005 | 0,5        |                 | 1                            | 80            | 277x147x108     | 1,340       | 640           | 580x320x240     | 11,520      |
| 82213141010 | 1          |                 | 1                            | 50            | 277x147x108     | 1,135       | 400           | 580x320x240     | 9,880       |
| 82213141015 | 1,5        |                 | 1                            | 40            | 277x147x108     | 1,094       | 320           | 580x320x240     | 9,552       |
| 82213141020 | 2          |                 | 1                            | 30            | 277x147x108     | 1,011       | 240           | 580x320x240     | 8,888       |
| 82213141030 | 3          |                 | 1                            | 25            | 277x147x108     | 1,099       | 200           | 580x320x240     | 9,592       |
| 82213141050 | 5          |                 | 1                            | 15            | 277x147x108     | 0,983       | 120           | 580x320x240     | 8,664       |

# Cat.6A S/FTP LSZH

- ANSI/TIA-568-C.2; • ISO/IEC 11801;
- EN 50173; • IEC 61935-2.



The diagram shows a cross-section of a coaxial cable. It consists of a central conductor (4) surrounded by an aluminum foil shield (3), which is then covered by an Al/Mylar dielectric layer (1). The entire assembly is enclosed in an outer jacket (2).

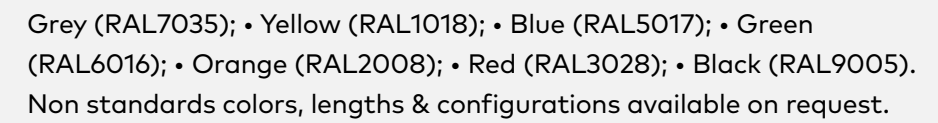
- 1 Al/Mylar
- 2 Outer Jacket
- 3 Aluminum Foil
- 4 Conductor

|                     |             |
|---------------------|-------------|
| Material            | Copper      |
| Conductor (AWG)     | 26          |
| Cable Diameter (mm) | 5.80 ± 0.02 |

8 2 2 1 3 2 2 C M M M

## Cat.6A U/UTP LSZH

- ANSI/TIA-568-C.2; • ISO/IEC 11801; • EN 50173;
- IEC 61935-2.



The diagram shows a cross-section of a coaxial cable. It consists of a central conductor (1), an inner insulating layer (2), an inner shield (3), an outer insulating layer (4), and an outer shield (5). The central conductor is a solid rod. The inner insulating layer is a thin ring. The inner shield is a thin ring. The outer insulating layer is a thick ring. The outer shield is a thin ring. The entire cable is surrounded by an outer jacket (6).

- 1 Cross Separator
- 2 Outer Jacket
- 3 Conductor

|                     |             |
|---------------------|-------------|
| Material            | Copper      |
| Conductor (AWG)     | 24          |
| Cable Diameter (mm) | 5.80 ± 0.02 |

8 2 2 1 3 1 2 C M M M

copper

# Cat.6 S/FTP LSZH

- ANSI/TIA-568-C.2; • ISO/IEC 11801; • EN 50173;
- IEC 61935-2.



A cross-sectional diagram of a coaxial cable. It features a central conductor (4) surrounded by an aluminum foil shield (3), which is in turn surrounded by an outer jacket (2). The entire assembly is encased in an Al/Mylar layer (1). The diagram uses numbered circles (1, 2, 3, 4) to identify each layer.

- 1 Al/Mylar
- 2 Outer Jacket
- 3 Aluminum Foil
- 4 Conductor

|                     |             |
|---------------------|-------------|
| Material            | Copper      |
| Conductor (AWG)     | 27          |
| Cable Diameter (mm) | 5.60 ± 0.02 |

8 2 2 1 2 2 2 C M M M

| COLOR  |      | Grey |     | Yellow |     | Blue |     | Green |     | Orange |     | Red |     | Black |     | White |  |
|--------|------|------|-----|--------|-----|------|-----|-------|-----|--------|-----|-----|-----|-------|-----|-------|--|
| C      |      | 1    |     | 2      |     | 3    |     | 4     |     | 5      |     | 6   |     | 7     |     | 8     |  |
| METERS | 0.15 | 0.25 | 0.5 | 1      | 1.5 | 2    | 3   | 5     | 7   | 10     | 15  | 20  | 25  | 30    | 50  |       |  |
| M M M  | 001  | 002  | 005 | 010    | 015 | 020  | 030 | 050   | 070 | 100    | 150 | 200 | 250 | 300   | 500 |       |  |

## Cat.6 U/UTP LSZH

- ANSI/TIA-568-C.2; • ISO/IEC 11801; • EN 50173;
- IEC 61935-2.



1 Cross Separator  
2 Exterior Sheath  
3 Conductor

|                     |             |
|---------------------|-------------|
| Material            | Copper      |
| Conductor (AWG)     | 26          |
| Cable Diameter (mm) | 5.00 ± 0.03 |

8 2 2 1 2 1 2 C M M M

| COLOR  |      | Grey |     | Yellow |     | Blue |     | Green |     | Orange |     | Red |     | Black |     | White |  |
|--------|------|------|-----|--------|-----|------|-----|-------|-----|--------|-----|-----|-----|-------|-----|-------|--|
| C      |      | 1    |     | 2      |     | 3    |     | 4     |     | 5      |     | 6   |     | 7     |     | 8     |  |
|        |      |      |     |        |     |      |     |       |     |        |     |     |     |       |     |       |  |
| METERS | 0.15 | 0.25 | 0.5 | 1      | 1.5 | 2    | 3   | 5     | 7   | 10     | 15  | 20  | 25  | 30    | 50  |       |  |
| M M M  | 001  | 002  | 005 | 010    | 015 | 020  | 030 | 050   | 070 | 100    | 150 | 200 | 250 | 300   | 500 |       |  |

FIELD PLUG

RJ45 Cat.8 STP

Simple to assemble for patch cables in different lengths, made mainly for industrial usage. Easy to install, is the most common way to recognize this barpa product.

• IEC 606037-7-81; • ISO/IEC 11801 • EN50173-1; • ANSI/TIA-568.2-D; • UL-94-V-0; • IEC 60512-99-002; • UL-1863; • UL-2043;

CE

ROHS

25 YEARS WARRANTY

T568A/B

40GB

POE++

2000 MHZ

SPECIFICATIONS

|                             |                                      |
|-----------------------------|--------------------------------------|
| Shield Material             | Zinc Die-Cast Nickel-Plated          |
| IDC Contact                 | Phosphor bronze with tin-plated      |
| Contact Finishing           | Phosphor bronze with 50µ" gold plate |
| Cable Way Out (Orientation) | 180°                                 |
| Wiring Scheme               | T568A/B                              |
| Insertion Force             | ≤ 30 N                               |
| Cable Outer Diameter (mm)   | 7,0 – 8,5                            |
| Insulation Diameter (mm)    | 1,2 – 1,7                            |

LOGISTIC INFORMATION

| Code        | Mininum Order Quantity (MOQ) | Inner Box     |                 |             | Outer Box     |                 |             |
|-------------|------------------------------|---------------|-----------------|-------------|---------------|-----------------|-------------|
|             |                              | Quantity (un) | Dimensions (mm) | Weight (kg) | Quantity (un) | Dimensions (mm) | Weight (kg) |
| 82246122180 | 1                            | 50            | 230x230x70      | 1,28        | 500           | 480x400x250     | 12,46       |

FIELD PLUG

Field Term Plug  
The Lyra RJ45  
Cat.6A STP

Simple to assembly and to attach. Made mainly for industrial usage. Simple to attach, is the most common way to recognize this barpa product.

- EN60603-7-51; • IEEE 802.3at ; • ANSI/TIA-568-D;
- ISO/IEC 11801; • DIN EN 50173-1; • IEEE 802.3bt;
- IEEE 802.3af; • IEEE 802.3an; • IEC 60529; • UL94;
- RoHS; • UL1863; • UL2043.



SPECIFICATIONS

|                               |                                          |
|-------------------------------|------------------------------------------|
| Cable Way Out (Orientation)   | 180°                                     |
| Wiring                        | T568-B                                   |
| IDC Contacts - Solid Cable    | Solid 0,51 - 0,64 mm AWG24 - AWG22/1     |
| IDC Contacts - Stranded Cable | Stranded 0,46 - 0,76 mm AWG27 - AWG22/7  |
|                               | Stranded 0,61 - 0,78 mm AWG24 - AWG22/19 |
| Shield Material               | Zinc Die-Cast Nickel-Plated              |
| Color                         | Metalic                                  |

LOGISTIC INFORMATION

|             |                      | Pollybag        |               | Inner Box       |               | Outer Box       |               |
|-------------|----------------------|-----------------|---------------|-----------------|---------------|-----------------|---------------|
| Code        | Unit Weight (g/item) | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 82243322000 | 27                   | 10x14,7x2       | 1             | 295x135x45      | 10            | 330x305x270     | 1             |

RJ45 MODULAR PLUG

Cat.6A STP  
23 AWG Pass Through

Designed with a 50μ gold-plated finish for enhanced durability, barpa's RJ45 STP Modular Plugs feature a pass-through design that simplifies and accelerates the installation process. Compatible with barpa's Cat.6 and Cat.6A copper cable solutions (23 AWG), they ensure performance up to 500MHz, meeting the

quality standards for your network.

- UL94V-2 • ANSI/TIA-1096-A • IEC60603-7
- Directive 2011/65/EU (RoHS)



RJ45 MODULAR PLUG

Cat.6A UTP  
23-24 AWG Pass Through

Designed with a 50μ gold-plated finish for enhanced durability, barpa's RJ45 UTP Modular Plugs feature a pass-through design that simplifies and accelerates the installation process. Compatible with barpa's Cat.6 and Cat.6A copper cable solutions (23-24 AWG), they ensure performance up to 500MHz, meeting the

quality standards for your network.

- UL94V-2 • ANSI/TIA-1096-A • IEC60603-7
- Directive 2011/65/EU (RoHS)



LOGISTIC INFORMATION

| Code        | PLA Bag        |                |                    | Inner Box      |                |                    | Outer Box      |                |                    |
|-------------|----------------|----------------|--------------------|----------------|----------------|--------------------|----------------|----------------|--------------------|
|             | Quant.<br>(un) | Weight<br>(kg) | Dimensions<br>(mm) | Quant.<br>(un) | Weight<br>(kg) | Dimensions<br>(mm) | Quant.<br>(un) | Weight<br>(kg) | Dimensions<br>(mm) |
| 82240720001 | 50             | 0,14           | 160x150            | 1500           | 4,69           | 450x300x150        | 9000           | 2987           | 650x500x500        |

LOGISTIC INFORMATION

| Code        | PLA Bag        |                |                    | Inner Box      |                |                    | Outer Box      |                |                    |
|-------------|----------------|----------------|--------------------|----------------|----------------|--------------------|----------------|----------------|--------------------|
|             | Quant.<br>(un) | Weight<br>(kg) | Dimensions<br>(mm) | Quant.<br>(un) | Weight<br>(kg) | Dimensions<br>(mm) | Quant.<br>(un) | Weight<br>(kg) | Dimensions<br>(mm) |
| 82240710002 | 50             | 0,07           | 160x150            | 1500           | 2,64           | 450x300x150        | 9000           | 1767           | 650x500x500        |

KEYSTONE JACK

Cat.8 STP

The barpa Category 8 STP (Screened Twisted Pair) jack is part of the barpa 40G cabling system. This jack features a unique and simple design that allows for easy, toolless termination while maintaining excellent electrical performance. It supports all applications up to 2000MHz.

- IEC 60603-7-81; • ISO/IEC 11801; • IEC 60512-99-002;
- EN 50173-1; • ANSI/TIA-568.2-D; • ANSI/TIA 1096-A;
- UL-94-V-0



SPECIFICATIONS

|                             |                              |
|-----------------------------|------------------------------|
| Cable Way Out (Orientation) | 180°                         |
| Wiring                      | T568A/B                      |
| IDC Contacts – Solid Cable  | Accept 22-24 AWG solid wires |

LOGISTIC INFORMATION

| Code          | Mininum Order Quantity (MOQ) | Inner Box     |                 |             | Outer Box     |                 |             |
|---------------|------------------------------|---------------|-----------------|-------------|---------------|-----------------|-------------|
|               |                              | Quantity (un) | Dimensions (mm) | Weight (kg) | Quantity (un) | Dimensions (mm) | Weight (kg) |
| 82246322000-1 | 1                            | 30            | 200x140x100     | 0,84        | 300           | 535x313x234     | 8,10        |

KEYSTONE JACK

Cat.6A STP

The barpa Category 6A STP (Screened Twisted Pair) jack belongs to the barpa 10G cabling system. This jack has unique and simple design done to be easy for termination because is toolless but always thinking about excelent electrical performance. Supports all applications up to 500Mhz.

- IEC 60603-7-51; • IEC 60512-26-100; • ISO/IEC 11801 ed.2.2;
- IEC 60512-99-001; • IEC 60512-99-002; • IEC 60512-9-3; • EN50173-1;
- ANSI/TIA-568-B.2-1; • ANSI/TIA-568.2-D; • ANSI/TIA 1096-A.



KEYSTONE JACK

Cat.6A UTP

The barpa Category 6A UTP (Unscreened Twisted Pair) jack belongs to the barpa cabling system. This jack as an unique and tested to the latest Category 6A specifications defined in the Internacional standards. Support all applications up to 500MHz.

- IEC 60603-7-41; • IEC 60512-26-100; • ISO/IEC 11801 ed.2.2;
- IEC 60512-99-001; • IEC 60512-99-002; • IEC 60512-9-3;
- EN50173-1; • ANSI/TIA-568-B.2-1; • ANSI/TIA-568.2-D;
- ANSI/TIA 1096-A.



SPECIFICATIONS

|                             |                                                                 |         |
|-----------------------------|-----------------------------------------------------------------|---------|
| Cable Way Out (Orientation) |                                                                 | 180°    |
| Wiring                      |                                                                 | T568A/B |
| IDC Contacts - Solid Cable  | Accept 22-26 AWG solid with a insulation diameter of 0,4-0,6 mm |         |

LOGISTIC INFORMATION

|             |                                                 |                  | Inner Box     |                 |             | Outer Box     |                 |             |
|-------------|-------------------------------------------------|------------------|---------------|-----------------|-------------|---------------|-----------------|-------------|
| Code        | Description                                     | Unit Weight (kg) | Quantity (un) | Dimensions (mm) | Weight (kg) | Quantity (un) | Dimensions (mm) | Weight (kg) |
| 82243122180 | Keystone Jack Cat.6A STP <b>Silver</b> Toolless | 0,02             | 24            | 223x120x42      | 0,65        | 504           | 380x240x365     | 15,00       |

SPECIFICATIONS

|                             |                                                                 |         |
|-----------------------------|-----------------------------------------------------------------|---------|
| Cable Way Out (Orientation) |                                                                 | 180°    |
| Wiring                      |                                                                 | T568A/B |
| IDC Contacts - Solid Cable  | Accept 22-26 AWG solid with a insulation diameter of 0,4-0,6 mm |         |

LOGISTIC INFORMATION

|             |                                                |                  | Inner Box     |                 |             | Outer Box     |                 |             |
|-------------|------------------------------------------------|------------------|---------------|-----------------|-------------|---------------|-----------------|-------------|
| Code        | Description                                    | Unit Weight (kg) | Quantity (un) | Dimensions (mm) | Weight (kg) | Quantity (un) | Dimensions (mm) | Weight (kg) |
| 82243110180 | Keystone Jack Cat.6A UTP <b>White</b> Toolless | 0,01             | 24            | 223x120x42      | 0,30        | 504           | 380x240x365     | 8,00        |
| 82243111180 | Keystone Jack Cat.6A UTP <b>Black</b> Toolless | 0,01             | 24            | 223x120x42      | 0,30        | 504           | 380x240x365     | 8,00        |

KEYSTONE JACK

Cat.6A UTP 90°/180°

The barpa Category 6A UTP (Unscreened Twisted Pair) jack belongs to the barpa cabling system. This jack as an unique and tested to the latest Category 6A specifications defined in the Internacional standards. Support all applications up to 500MHz.

- IEC 60603-7-41; • IEC 60512-26-100; • ISO/IEC 11801 ed.2.2; • IEC 60512-99-001; • IEC 60512-99-002; • IEC 60512-9-3;
- EN50173-1; • ANSI/TIA-568-B.2-1; • ANSI/TIA-568.2-D;
- ANSI/TIA 1096-A.



KEYSTONE JACK

Cat.6 STP

The barpa Category 6 STP (Screened Twisted Pair) jack belongs to the barpa 1G cabling system. This jack has unique and simple design done to be easy for termination because is toolless but always thinking about excelent electrical performance. Supports all applications up to 250Mhz.

- IEC 60603-7-5; • IEC 60512-26-100; • ISO/IEC 11801 ed.2.2;
- IEC 60512-99-001; • IEC 60512-99-002; • IEC 60512-9-3;
- EN50173-1; • ANSI/TIA-568-B.2-1; • ANSI/TIA-568.2-D;
- ANSI/TIA 1096-A.



SPECIFICATIONS

|                             |                                                                 |
|-----------------------------|-----------------------------------------------------------------|
| Cable Way Out (Orientation) | 90° / 180°                                                      |
| Wiring                      | T568A/B                                                         |
| IDC Contacts - Solid Cable  | Accept 22-26 AWG solid with a insulation diameter of 0,4-0,6 mm |

SPECIFICATIONS

|                             |                                                                 |
|-----------------------------|-----------------------------------------------------------------|
| Cable Way Out (Orientation) | 180°                                                            |
| Wiring                      | T568A/B                                                         |
| IDC Contacts - Solid Cable  | Accept 22-26 AWG solid with a insulation diameter of 0,4-0,6 mm |

LOGISTIC INFORMATION

|             |                                                        |                  | Inner Box     |                 |             | Outer Box     |                 |             |
|-------------|--------------------------------------------------------|------------------|---------------|-----------------|-------------|---------------|-----------------|-------------|
| Code        | Description                                            | Unit Weight (kg) | Quantity (un) | Dimensions (mm) | Weight (kg) | Quantity (un) | Dimensions (mm) | Weight (kg) |
| 82243110090 | Keystone Jack Cat.6A UTP <b>White</b> 90°/180° Way Out | 0,01             | 24            | 223x120x42      | 0,30        | 504           | 380x240x365     | 8,00        |
| 82243111090 | Keystone Jack Cat.6A UTP <b>Black</b> 90°/180° Way Out | 0,01             | 24            | 223x120x42      | 0,30        | 504           | 380x240x365     | 8,00        |

LOGISTIC INFORMATION

|             |                                                |                  | Inner Box     |                 |             | Outer Box     |                 |             |
|-------------|------------------------------------------------|------------------|---------------|-----------------|-------------|---------------|-----------------|-------------|
| Code        | Description                                    | Unit Weight (kg) | Quantity (un) | Dimensions (mm) | Weight (kg) | Quantity (un) | Dimensions (mm) | Weight (kg) |
| 82242122180 | Keystone Jack Cat.6 STP <b>Silver</b> Toolless | 0,02             | 24            | 223x120x42      | 0,65        | 504           | 380x240x365     | 15,00       |

KEYSTONE JACK

Cat.6 UTP

The barpa Category 6 UTP (Unscreened Twisted Pair) jack belongs to the barpa cabling system. This jack as an unique and tested to the latest Category 6 specifications defined in the Internacional standards. Support all applications up to 250MHz.

- IEC 60603-7-4; • IEC 60512-26-100; • ISO/IEC 11801 ed.2.2;
- IEC 60512-99-001; • IEC 60512-99-002; • IEC 60512-9-3;
- EN50173-1; • ANSI/TIA-568-B.2-1; • ANSI/TIA-568.2-D;
- ANSI/TIA 1096-A.



KEYSTONE JACK

Cat.6 UTP  
90°/180°

The barpa Category 6 UTP (Unscreened Twisted Pair) jack belongs to the barpa cabling system. This jack as an unique and tested to the latest Category 6 specifications defined in the Internacional standards. Support all applications up to 250MHz.

- IEC 60603-7-4; • IEC 60512-26-100; • ISO/IEC 11801 ed.2.2;
- IEC 60512-99-001; • IEC 60512-99-002; • IEC 60512-9-3;
- EN50173-1; • ANSI/TIA-568-B.2-1; • ANSI/TIA-568.2-D;
- ANSI/TIA 1096-A.



SPECIFICATIONS

|                               |                                                                      |
|-------------------------------|----------------------------------------------------------------------|
| Cable Way Out (Orientation)   | 180°                                                                 |
| Wiring                        | T568A/B                                                              |
| IDC Contacts - Solid Cable    | Accept 22-24 AWG solid with a insulation diameter of 0,45-0,55 mm    |
| IDC Contacts - Stranded Cable | Accept 22-26 AWG stranded with a insulation diameter of 0,48-0,76 mm |

LOGISTIC INFORMATION

|             |                                               |                  | Inner Box     |                 |             | Outer Box     |                 |             |
|-------------|-----------------------------------------------|------------------|---------------|-----------------|-------------|---------------|-----------------|-------------|
| Code        | Description                                   | Unit Weight (kg) | Quantity (un) | Dimensions (mm) | Weight (kg) | Quantity (un) | Dimensions (mm) | Weight (kg) |
| 82242110180 | Keystone Jack Cat.6 UTP <b>White</b> Toolless | 0,01             | 24            | 223 x 120 x 42  | 0,30        | 504           | 380 x 240 x 365 | 8,00        |
| 82242111180 | Keystone Jack Cat.6 UTP <b>Black</b> Toolless | 0,01             | 24            | 223 x 120 x 42  | 0,30        | 504           | 380 x 240 x 365 | 8,00        |

SPECIFICATIONS

|                             |                                                                 |
|-----------------------------|-----------------------------------------------------------------|
| Cable Way Out (Orientation) | 90° / 180°                                                      |
| Wiring                      | T568A/B                                                         |
| IDC Contacts - Solid Cable  | Accept 22-26 AWG solid with a insulation diameter of 0,4-0,6 mm |

LOGISTIC INFORMATION

|             |                                                       |                  | Inner Box     |                 |             | Outer Box     |                 |             |
|-------------|-------------------------------------------------------|------------------|---------------|-----------------|-------------|---------------|-----------------|-------------|
| Code        | Description                                           | Unit Weight (kg) | Quantity (un) | Dimensions (mm) | Weight (kg) | Quantity (un) | Dimensions (mm) | Weight (kg) |
| 82242110090 | Keystone Jack Cat.6 UTP <b>White</b> 90°/180° Way Out | 0,01             | 24            | 223 x 120 x 42  | 0,30        | 504           | 380 x 240 x 365 | 8,00        |
| 82242111090 | Keystone Jack Cat.6 UTP <b>Black</b> 90°/180° Way Out | 0,01             | 24            | 223 x 120 x 42  | 0,30        | 504           | 380 x 240 x 365 | 8,00        |

FACEPLATE

45x45 for RJ45  
1 or 2 ports

The faceplates from barpa are especially design to RJ45 Keystone Jack apllications and are compatible with all barpa UTP and STP connectors. They are easy to install and fit in all 45x45 mm formats. With shutters for dust protection and labeling windows for faceplate identification.

- IEC 60529; • IEC 60603-7; • IEC 60068-2; • IEC 61340-5-1:2007;
- IEC 60670-1:2005 + A1:2013; • Directive 2011/65/UE (RoHS).



SPECIFICATIONS

|                 |                     |
|-----------------|---------------------|
| Dimensions      | 45 x 45 x 38,6 mm   |
| Material        | High Quality PC-ABS |
| Number of ports | 1 and 2             |
| Type            | Flat                |
| Style           | 45x45               |

- Applied references
- barpa UTP Keystone Jack - 82242110180; 82242110090; 82242111180; 82242111090; 82243110180; 82243110090; 82243111180; 82243111090.
  - barpa STP Keystone Jack - 82242122180; 82243122180

LOGISTIC INFORMATION

|             |                                                                             | Polybag    |             |                 | Inner Box   |             |                 | Outer Box   |             |                 |
|-------------|-----------------------------------------------------------------------------|------------|-------------|-----------------|-------------|-------------|-----------------|-------------|-------------|-----------------|
| Code        | Description                                                                 | Quant (un) | Weight (kg) | Dimensions (mm) | Quant. (un) | Weight (kg) | Dimensions (mm) | Quant. (un) | Weight (kg) | Dimensions (mm) |
| 82250110001 | Faceplate 45x45 mm w/ 1 Port for Rj45 Keystone Jack <b>White (RAL9003)</b>  | 1          | 0,01        | 90 x 38,6 x 132 | 12          | 0,30        | 230 x 90 x 90   | 192         | 3,6         | 380 x 240 x 365 |
| 82250110002 | Faceplate 45x45 mm w/ 2 Ports for Rj45 Keystone Jack <b>White (RAL9003)</b> | 1          | 0,01        | 90 x 38,6 x 132 | 12          | 0,30        | 230 x 90 x 90   | 192         | 3,6         | 380 x 240 x 365 |

FACEPLATE

Angled 45x45  
for RJ45 - 1 or 2 ports

The faceplates from barpa are especially design to RJ45 Keystone Jack apllications and are compatible with all barpa UTP and STP connectors. They are easy to install and the angled wayout prevent patch cords from damage and ensure the correct bending radius of it.

For all 45x45 mm formats. With shutters for dust protection and labeling windows for faceplate identification.

- IEC 60529; • IEC 60603-7; • IEC 60068-2; • IEC 61340-5-1:2007;
- IEC 60670-1:2005 + A1:2013; • Directive 2011/65/UE (RoHS).



SPECIFICATIONS

|                 |                     |
|-----------------|---------------------|
| Dimensions      | 45 x 45 x 38,6 mm   |
| Material        | High Quality PC-ABS |
| Number of ports | 1 and 2             |
| Type            | Angled              |
| Style           | 45x45               |

- Applied references
- barpa UTP Keystone Jack - 82242110180; 82242110090; 82242111180; 82242111090; 82243110180; 82243110090; 82243111180; 82243111090.
  - barpa STP Keystone Jack - 82242122180; 82243122180

LOGISTIC INFORMATION

|             |                                                                                   | Polybag    |             |                 | Inner Box   |             |                 | Outer Box   |             |                 |
|-------------|-----------------------------------------------------------------------------------|------------|-------------|-----------------|-------------|-------------|-----------------|-------------|-------------|-----------------|
| Code        | Description                                                                       | Quant (un) | Weight (kg) | Dimensions (mm) | Quant. (un) | Weight (kg) | Dimensions (mm) | Quant. (un) | Weight (kg) | Dimensions (mm) |
| 82250120001 | Angled Faceplate 45x45 mm w/ 1 Port for Rj45 Keystone Jack <b>White (RAL9003)</b> | 1          | 0,01        | 90 x 38,6 x 132 | 10          | 0,30        | 230 x 90 x 90   | 160         | 4,00        | 380 x 240 x 365 |
| 82250120002 | Angled Faceplate 45x45 mm w/ 2 Port for Rj45 Keystone Jack <b>White (RAL9003)</b> | 1          | 0,01        | 90 x 38,6 x 132 | 10          | 0,30        | 230 x 90 x 90   | 160         | 4,00        | 380 x 240 x 365 |

FACEPLATE

American Style  
120 Faceplate

The faceplates from barpa are especially design to RJ45 Keystone Jack applications and are compatible with all barpa UTP and STP connectors. It is easy-to-install design and suitable for data and voice application.

• Directive 2011/65/UE (RoHS).



SPECIFICATIONS

|                 |                      |
|-----------------|----------------------|
| Dimensions      | 114x69 mm            |
| Color           | White (RAL 9003)     |
| Material        | High Quality PC-ABS  |
| Number of ports | 1 and 2              |
| Type            | Flat                 |
| Mount           | Vertical Flush Mount |

LOGISTIC INFORMATION

|             |                 | Polybag    |             |                  | Inner Box   |             |                     | Outer Box   |             |                 |
|-------------|-----------------|------------|-------------|------------------|-------------|-------------|---------------------|-------------|-------------|-----------------|
| Code        | Number of Ports | Quant (un) | Weight (kg) | Dimensions (mm)  | Quant. (un) | Weight (kg) | Dimensions (mm)     | Quant. (un) | Weight (kg) | Dimensions (mm) |
| 82250210001 | 1               | 1          | 0,03        | 14,0 x 7,0 x 1,0 | 10          | 0,45        | 230,0 x 90,0 x 90,0 | 160         | 7,70        | 380 x 240 x 365 |
| 82250210002 | 2               | 1          | 0,03        | 14,0 x 7,0 x 1,0 | 10          | 0,45        | 230,0 x 90,0 x 90,0 | 160         | 7,70        | 380 x 240 x 365 |

FACEPLATE

Surface  
Mount Box

The Surface Mount Boxes from barpa are especially designed to RJ45 Keystone Jack applications and are compatible with all barpa UTP and STP connectors. They come with 1 or 2 ports with dust shutters to protect from environmental conditions while featuring label positions and insertable charts for connection

identification. They provide easy and fast surface mounted installation. They provide easy and fast surface mounted installation.

• Directive 2011/65/EU (RoHS)



SPECIFICATIONS

|                       |                         |                                                                                                        |
|-----------------------|-------------------------|--------------------------------------------------------------------------------------------------------|
| Dimensions            | 1 port                  | 48x65x29,2 mm                                                                                          |
|                       | 2 ports                 | 74x65x29,2 mm                                                                                          |
| Material              | High Quality PC-ABS     |                                                                                                        |
| Number of ports       | 1 and 2                 |                                                                                                        |
| Compatible References | barpa UTP Keystone Jack | 82242110180; 82242110090; 82242111180; 82242111090; 82243110180; 82243110090; 82243111180; 82243111090 |
|                       | barpa STP Keystone Jack | 82242122180; 82243122180; 82246322000-1                                                                |

LOGISTIC INFORMATION

|             |                 | Polybag    |             |                 | Box         |             |                 |
|-------------|-----------------|------------|-------------|-----------------|-------------|-------------|-----------------|
| Code        | Number of Ports | Quant (un) | Weight (kg) | Dimensions (mm) | Quant. (un) | Weight (kg) | Dimensions (mm) |
| 82250310001 | 1               | 1          | 0,03        | 90x130          | 210         | 7,10        | 380 x 240 x 365 |
| 82250310002 | 2               | 1          | 0,03        | 110x130         | 150         | 6,55        | 380 x 240 x 365 |

FACEPLATE

Din Rail

The faceplates from barpa are especially design to RJ45 Keystone Jack apllications. They are easy to install and fit in DIN Rail standard 35 mm format. With shutters for dust protection and labeling windows for faceplate identification.

- IEC 60529; • IEC 60603-7; • IEC 60068-2.



PATCH PANEL

Cat.6A STP  
24 Ports 1U IDC 90°

The barpa Category 6A STP (Screened Twisted Pair) patch panel belongs to the barpa 10G cabling system. This shielded version gives the maximum protection from EMI/RFI interference.Supports all applications up to 500Mhz. Cable bundle is one of the special physical characteristics, that promotes quick installation and fast termination. It's up to you to try it.

- IEC 60603-7-4; • IEC 60512-26-100; • ISO/IEC 11801 ed.2.2;
- EN 50173-1; • ANSI/TIA 568-B.2-1.



SPECIFICATIONS

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Dimensions         | 7,85x1,80x6,36 mm                                   |
| Material           | High Quality PC                                     |
| Number of ports    | 1                                                   |
| Type               | DIN Rail                                            |
| Style              | Industry                                            |
| Applied references | barpa STP Keystone Jack - 82242122180 ; 82243122180 |

LOGISTIC INFORMATION

|             |                                                        | Polybag     |             |                 | Inner Box   |             |                    | Outer Box   |             |                 |
|-------------|--------------------------------------------------------|-------------|-------------|-----------------|-------------|-------------|--------------------|-------------|-------------|-----------------|
| Code        | Description                                            | Quant. (un) | Weight (kg) | Dimensions (mm) | Quant. (un) | Weight (kg) | Dimensions (mm)    | Quant. (un) | Weight (kg) | Dimensions (mm) |
| 82250530011 | DIN Rail Keystone RJ45 holder w/ 1 Port Gray (RAL7035) | 1           | 0,01        | 90,0x38,6x132,0 | 10          | 0,20        | 230,0 x 90,0 x90,0 | 160         | 4,00        | 380x240x365     |

SPECIFICATIONS

|                               |                                                                      |
|-------------------------------|----------------------------------------------------------------------|
| Color                         | Black (RAL9005)                                                      |
| Contacts IDC - Cable Solid    | Accept 22-24 AWG solid with a insulation diameter of 0,55-0,45 mm    |
| Contacts IDC - Stranded Cable | Accept 22-26 AWG stranded with a insulation diameter of 0,48-0,76 mm |

LOGISTIC INFORMATION

|             |                                 |                  | Inner Box       |               | Outer Box       |               |
|-------------|---------------------------------|------------------|-----------------|---------------|-----------------|---------------|
| Code        | Description                     | Unit Weight (kg) | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 82234421124 | Cat 6A STP IDC 90°, 24 Ports 1U | 1.390            | 505x120x55      | 1             | 520x260x300     | 10            |

PATCH PANEL

Cat.6A UTP 24 Ports  
1U IDC 180°

The barpa Category 6A UTP (Unscreened Twisted Pair) patch panel belongs to the barpa 10G cabling system. Supports all applications up to 500Mhz. Cable bundle is one of the special physical characteristics, that promotes quick installation and fast termination. It's up to you to try it.

- IEC 60603-7-4; • IEC 60512-26-100; • ISO/IEC 11801 ed.2.2;
- EN 50173-1; • ANSI/TIA 568-B.2-1.



PATCH PANEL

Cat.6 STP 24 Ports  
1U IDC 90°

The barpa Category 6 STP (Screened Twisted Pair) patch panel belongs to the barpa 1G cabling system. This shielded version gives the maximum protection from EMI/RFI interference. Supports all applications up to 250Mhz. Cable bundle is one of the special physical characteristics, that promotes quick installation and fast termination. It's up to you to try it.

- IEC 60603-7-4; • IEC 60512-26-100; • ISO/IEC 11801 ed.2.2;
- EN 50173-1; • ANSI/TIA 568-B.2-1.



SPECIFICATIONS

|                               |                                                                      |
|-------------------------------|----------------------------------------------------------------------|
| Color                         | Black (RAL9005)                                                      |
| Contacts IDC - Cable Solid    | Accept 22-24 AWG solid with a insulation diameter of 0,45-0,55 mm    |
| Contacts IDC - Stranded Cable | Accept 22-26 AWG stranded with a insulation diameter of 0,48-0,78 mm |

SPECIFICATIONS

|                               |                                                                      |
|-------------------------------|----------------------------------------------------------------------|
| Color                         | Black (RAL9005)                                                      |
| Contacts IDC - Cable Solid    | Accept 22-24 AWG solid with a insulation diameter of 0,45-0,55 mm    |
| Contacts IDC - Stranded Cable | Accept 22-26 AWG stranded with a insulation diameter of 0,48-0,76 mm |

LOGISTIC INFORMATION

|             |                                  |                  | Inner Box       |               | Outer Box       |               |
|-------------|----------------------------------|------------------|-----------------|---------------|-----------------|---------------|
| Code        | Description                      | Unit Weight (kg) | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 82234511124 | Cat 6A UTP IDC 180°, 24 Ports 1U | 0.750            | 505x120x55      | 1             | 520x260x300     | 10            |

LOGISTIC INFORMATION

|             |                               |                  | Inner Box       |               | Outer Box       |               |
|-------------|-------------------------------|------------------|-----------------|---------------|-----------------|---------------|
| Code        | Description                   | Unit Weight (kg) | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 82233421124 | Cat 6 STP IDC 90° 24 Ports 1U | 1.390            | 505x120x55      | 1             | 520x260x300     | 10            |

PATCH PANEL

Cat.6 UTP 24 Ports  
1U IDC 180°

The barpa Category 6 UTP (Unscreened Twisted Pair) patch panel belongs to the barpa 1G cabling system. Supports all applications up to 250Mhz. Cable bundle is one of the special physical characteristics, that promotes quick installation and fast termination. It's up to you to try it.

- IEC 60603-7-4; • IEC 60512-26-100; • ISO/IEC 11801 ed.2.2;
- EN 50173-1; • ANSI/TIA 568-B.2-1.



PATCH PANEL

Empty Patch Panel  
12 and 24 Ports

This Patch Panel belongs to our Empty Patch Panel range. Suitable to use STP and UTP barpa keystone jacks. Has a very special design with cable bundle, that promotes quick installation and fast termination. It's up to you to try it.

- EIA 19-inch.



SPECIFICATIONS

|                               |                                                                   |
|-------------------------------|-------------------------------------------------------------------|
| Color                         | Black (RAL9005)                                                   |
| Contacts IDC - Cable Solid    | Accept 22-24 AWG solid with a insulation diameter of 0,45-0,55 mm |
| Contacts IDC - Stranded Cable | Accept 22-24 AWG solid with a insulation diameter of 0,48-0,76 mm |

LOGISTIC INFORMATION

|             |                                |                  | Inner Box       |               | Outer Box       |               |
|-------------|--------------------------------|------------------|-----------------|---------------|-----------------|---------------|
| Code        | Description                    | Unit Weight (kg) | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 82233511124 | Cat 6 UTP IDC 180° 24 Ports 1U | 0.67             | 505x120x55      | 1             | 520x260x300     | 10            |

SPECIFICATIONS

|       |                 |
|-------|-----------------|
| Color | Black (RAL9005) |
|-------|-----------------|

LOGISTIC INFORMATION

|             |                               |                  | Inner Box       |               | Outer Box       |               |
|-------------|-------------------------------|------------------|-----------------|---------------|-----------------|---------------|
| Code        | Description                   | Unit Weight (kg) | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 82230101024 | Empty Patch Panel - 24P 0.5U  | 0.40             | 505x120x55      | 1             | 520x260x300     | 10            |
| 82230101124 | Empty Patch Panel - 24P 1U    | 0.46             | 505x120x55      | 1             | 520x260x300     | 10            |
| 82330601112 | Empty Patch Panel - 12P - 10" | 0.35             | 265x125x55      | 1             | 520x260x300     | 18            |

PATCH PANEL

3 Tech Patch Panel

barpa 3 Tech Patch Panel is a 19" standard that offers flexibility and compact design for your network in only 1U of a rack space. Engineered for versatility, this product accommodates a variety of front plates and a splice tray to meet different connectivity requirements. Choose from copper, fiber and coaxial options to tailor your panel to your specific needs.

• EIA 19-inch.



SPECIFICATIONS

|                 |                                                                                                 |
|-----------------|-------------------------------------------------------------------------------------------------|
| Front Plates    | 6 RJ45 Ports   6 SC Simplex Ports   6 SC Duplex Ports   8 CC   Blank   6 Ports with Splice Tray |
| Thickness (mm)  | 1,2                                                                                             |
| Material        | SPCC Steel                                                                                      |
| Color           | Black (RAL 9005)                                                                                |
| Dimensions (mm) | 482,6 x 107,5 x 44,0                                                                            |
| Weight (kg)     | 0,55                                                                                            |

LOGISTIC INFORMATION

| Code        | Description                                                                            | Paper Bag                                                                                                                           |               | Inner Box       |               | Outer Box       |               |
|-------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------|---------------|-----------------|---------------|
|             |                                                                                        | Dimensions (mm)                                                                                                                     | Quantity (un) | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 82251101000 | Empty 3 Tech Patch Panel 1U                                                            | -                                                                                                                                   | -             | 510x130x50      | 1             | 530x430x280     | 18            |
| 82251100001 | Blank Front Plate 3 Tech Patch Panel                                                   | 90x160                                                                                                                              | 1             | -               | -             | 260x230x230     | 70            |
| 82251100003 | Front Plate 3 Tech Patch Panel for 8 CC                                                | 90x160                                                                                                                              | 1             | -               | -             | 260x230x230     | 70            |
| 82251100004 | Front Plate 3 Tech Patch Panel for 6 SC Duplex                                         | 90x160                                                                                                                              | 1             | -               | -             | 260x230x230     | 70            |
| 82251100005 | Front Plate 3 Tech Patch Panel for 6 SC Simplex                                        | 90x160                                                                                                                              | 1             | -               | -             | 260x230x230     | 70            |
| 82251100006 | Front Plate 3 Tech Patch Panel for 6 RJ45 Ports                                        | 90x160                                                                                                                              | 1             | -               | -             | 260x230x230     | 70            |
| 82251100002 | Front Plate 3 Tech Patch Panel with Splice Tray                                        | For more information about this product, please see page 50.                                                                        |               |                 |               |                 |               |
| 82251100007 | 3 Tech Patch Panel 1U + 6xSC Duplex Front Plate, 6xRJ45 Front Plate + 8 CC Front Plate | To order the empty panel along with three individual front plates (6x SC Duplex, 6x RJ45, and 8 CC), please use the following code. |               |                 |               |                 |               |

PATCH PANEL

Angled Patch Panel  
Empty 24 Ports 1U

The Angled 19" 1U 24-Port Empty Panel is quick and easy to install. It features a rear cable retention system with adjustable mechanical regulation, eliminating the need for the traditional serrated tie fixing system. It includes a label holder with plastic protection for identifying RJ45 ports and a ground drain connection.

- ISO/IEC 11801 ed.2.2 • EN 50173-1
- ANSI/TIA 568-B.2-1 • EIA 19-inch



SPECIFICATIONS

|                                        |                                 |
|----------------------------------------|---------------------------------|
| Material                               | Chassis                         |
|                                        | Plastic                         |
| Color                                  | Black (RAL9005)                 |
| Dimensions (mm)                        | 481,12x44,16x181,24             |
| Unit Weight (kg)                       | 0,5523                          |
| Number of Ports                        | 24                              |
| Keystones Jack                         | STP and UTP                     |
| Contact Resistance (MΩ)                | 200                             |
| Insulation Resistance (MΩ Min 500V DC) | 500                             |
| Withstand Voltage                      | DC 1000V AC 700V RMS 60Hz, 1min |

LOGISTIC INFORMATION

| Inner Box   |                 |               |             | Outer Box       |               |             |
|-------------|-----------------|---------------|-------------|-----------------|---------------|-------------|
| Code        | Dimensions (mm) | Quantity (un) | Weight (kg) | Dimensions (mm) | Quantity (un) | Weight (kg) |
| 82230801124 | 495x70x49       | 1             | 0,65        | 520x265x320     | 20            | 13,5        |

PATCH PANEL

Cat3 25, 50 Ports  
1U

The barpa Voice Patch Panel is 19" rack mounted, available in 25 and 50 ports. Both 1U. All ports are numbered and is suitable for voice applications.



- ISO/IEC 11801; • EN50173-1; • ANSI/TIA 568-B.2-1.

ACCESSORIES

Copper Tape

The copper tape is the perfect solution to enhance your shielded conections.

SPECIFICATIONS

|                               |                                                                      |
|-------------------------------|----------------------------------------------------------------------|
| Color                         | Black (RAL9005)                                                      |
| Contacts IDC - Cable Solid    | Accept 22-24 AWG solid with a insulation diameter of 0,45-0,55 mm    |
| Contacts IDC - Stranded Cable | Accept 22-26 AWG stranded with a insulation diameter of 0,48-0,76 mm |

LOGISTIC INFORMATION

|             |                  |                 |               |
|-------------|------------------|-----------------|---------------|
| Code        | Unit Weight (kg) | Dimensions (mm) | Quantity (un) |
| 82240503000 | 0.22             | 136x136x10      | 1             |

LOGISTIC INFORMATION

|             |                         |                  | Inner Box       |               | Outer Box       |               |
|-------------|-------------------------|------------------|-----------------|---------------|-----------------|---------------|
| Code        | Description             | Unit Weight (kg) | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 82231201125 | Voice Cat 3 25 Ports 1U | 1.20             | 505x120x55      | 1             | 520x260x300     | 10            |
| 82231201150 | Voice Cat 3 50 Ports 1U | 1.20             | 505x120x55      | 1             | 520x260x300     | 10            |

ACCESSORIES

Dust Cover for Patch Panel

The dust cover for empty patch panel barpa is a proper solution to optimize your network with an aesthetically pleasing design. Also, prevent the dust to damage your connections. Unused ports can be covered with dust covers.

ACCESSORIES

Velcro Tape

Velcro Tape 16mm wide and 25m long. It is reusable and fully adjustable. You can cut to size avoiding waste. It is easy to use and if you use it on the cables you will avoid crushing them.

LOGISTIC INFORMATION

| Code        | Unit Weight (kg) | Dimensions (mm) | Quantity (un) |
|-------------|------------------|-----------------|---------------|
| 82240401000 | 0.019            | 120x80x30       | 12            |

LOGISTIC INFORMATION

| Code        | Unit Weight (kg) | Dimensions (mm) | Quantity (un) |
|-------------|------------------|-----------------|---------------|
| 82391511025 | 0.2              | 220x220x16      | 1             |

ACCESSORIES

RJ45 Plug  
Dust Cap

Designed to provide effective protection, the Dust Caps for RJ45 Plugs prevent dust and moisture from infiltrating, preserving the integrity and performance of the connections. With a precise and secure fit, these caps are essential in environments where RJ45 ports are temporarily unused, ensuring the longevity and reliability of the network.

• Directive 2011/65/EU (RoHS)



SPECIFICATIONS

|                 |                    |
|-----------------|--------------------|
| Material        | PC                 |
| Color           | Black (RAL 9004)   |
| Compatibility   | RJ45 Plugs         |
| Weight (kg)     | 0,0007             |
| Dimensions (mm) | 14,0 x 14,2 x 12,9 |

LOGISTICS INFORMATION

| Code        | PLA Bag       |             |                 | Inner Box     |             |                 | Outer Box     |             |                 |
|-------------|---------------|-------------|-----------------|---------------|-------------|-----------------|---------------|-------------|-----------------|
|             | Quantity (un) | Weight (kg) | Dimensions (mm) | Quantity (un) | Weight (kg) | Dimensions (mm) | Quantity (un) | Weight (kg) | Dimensions (mm) |
| 82240901000 | 50            | 0,004       | 160x150         | 1500          | 1,57        | 450x300x150     | 9000          | 11,51       | 650x500x500     |

ACCESSORIES

RJ45 Modular Plug  
Cable Boot STP

Specifically designed for barpa's RJ45 STP Modular Plugs, these boots provide a stable and secure connection between the plug and the cable, ensuring reliable performance. Available in a range of colors, they allow for efficient and customized visual identification of connections, making network organization

and management easier.

- Directive 2011/65/EU (RoHS)



LOGISTICS INFORMATION

| Code        | Color  | Weight Unit (kg) | Dimensions (mm)    | Bag Quantity (un) |
|-------------|--------|------------------|--------------------|-------------------|
| 82240820100 | Grey   | 0,0023           | 26,0 x 17,0 x 14,2 | 50                |
| 82240820200 | Black  |                  |                    |                   |
| 82240820300 | White  |                  |                    |                   |
| 82240820400 | Purple |                  |                    |                   |
| 82240820500 | Orange |                  |                    |                   |
| 82240820600 | Green  |                  |                    |                   |
| 82240820700 | Red    |                  |                    |                   |
| 82240820800 | Yellow |                  |                    |                   |
| 82240820900 | Blue   |                  |                    |                   |

ACCESSORIES

RJ45 Modular Plug  
Cable Boot UTP

Specifically designed for barpa's RJ45 UTP Modular Plugs, these boots provide a stable and secure connection between the plug and the cable, ensuring reliable performance. Available in a range of colors, they allow for efficient and customized visual identification of connections, making network organization

and management easier.

- Directive 2011/65/EU (RoHS)



LOGISTICS INFORMATION

| Code        | Color  | Weight Unit (kg) | Dimensions (mm)   | Bag Quantity (un) |
|-------------|--------|------------------|-------------------|-------------------|
| 82240810100 | Grey   | 0,0017           | 23,0 x 12,6 x 9,6 | 50                |
| 82240810200 | Black  |                  |                   |                   |
| 82240810300 | White  |                  |                   |                   |
| 82240810400 | Purple |                  |                   |                   |
| 82240810500 | Orange |                  |                   |                   |
| 82240810600 | Green  |                  |                   |                   |
| 82240810700 | Red    |                  |                   |                   |
| 82240810800 | Yellow |                  |                   |                   |
| 82240810900 | Blue   |                  |                   |                   |

TOOL

RJ45 Modular Plug  
Crimp Tool

This tool was engineered specifically for barpa’s RJ45 Modular Plugs, allowing you to crimp and cut all 8 conductors simultaneously with precision. Achieve up to 85% faster terminations, drastically reducing installation time. Equipped with 3 durable, long-lasting blades, this tool ensures consistent efficiency and extends its lifespan, making it a reliable choice for professionals.



SPECIFICATIONS

|                 |                                                          |
|-----------------|----------------------------------------------------------|
| Material        | Body: S45C Steel<br>Crimping Part: AISI 4140 Alloy Steel |
| Color           | Black and Blue                                           |
| Compatibility   | Shielded and Unshilded Modular Plugs                     |
| Weight (kg)     | 0,501                                                    |
| Dimensions (mm) | 211 x 57 x 19,8                                          |

LOGISTIC INFORMATION

| Code        | Inner Box     |             |                 | Outer Box     |             |                 |
|-------------|---------------|-------------|-----------------|---------------|-------------|-----------------|
|             | Quantity (un) | Weight (kg) | Dimensions (mm) | Quantity (un) | Weight (kg) | Dimensions (mm) |
| 82240600900 | 1             | 0,537       | 226x76x20       | 20            | 10,97       | 250x185x255     |

TOOL

Crimping and Cut  
Tool for Punch Down  
110 RJ45 Keystone

This tool was designed specially for keystones RJ45 of 90°/180° of barpa which it crimps and cuts the 8 conductors at one time. You can reduce in more than 85% the time of termination of one keystone.

SPECIFICATIONS

|                    |                                                                                                                                                                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Colour             | Black and Blue                                                                                                                                                                                                                                               |
| Material           | Steel                                                                                                                                                                                                                                                        |
| Applied references | <ul style="list-style-type: none"><li>• barpa Keystone Jack Cat.6 UTP 90°/180° - 82242110090; 82242110090-1; 82242111090; 82242111090-1</li><li>• barpa Keystone Jack Cat.6A UTP 90°/180° - 82243110090; 82243110090-1; 82243111090; 82243111090-1</li></ul> |

LOGISTIC INFORMATION

| Code        | Dimensions (mm) | Unit Weight (kg) |
|-------------|-----------------|------------------|
| 82240601090 | 300x115         | 0,42             |

# racks and cabinets



Click on the range of products you want to explore.  
If you want to see the racks and cabinets guideline go to the next page.



INDOOR CABINET

Indus Floor Version  
IP55 Interior

The series Indus of barpa are designed for industrial purposes. Application in Warehouses, factories, where there are harsh environments

but with no direct rain or external usage. With IP55 protection class against dust water jets (EN60529). Solid front and rear door and already mounted.

- IEC 60529:1989+A1:1999+A2:2013;
- ANSI/EIA RS-310-E; IEC 60297-3;
- DIN41494 Part 1 and 7.

ROHS

INDUS

1000 Kg

SPECIFICATIONS

|                       |                                      |
|-----------------------|--------------------------------------|
| Material              | SPCC 19' rails: 2,0mm; Others: 1,2mm |
| Loading Capacity (kg) | 1000                                 |
| Color                 | Grey (RAL7035)                       |
| Earth connection      | Yes                                  |
| Index Protection      | IP55                                 |
| IK                    | 10                                   |

LOGISTIC INFORMATION

| Code        | U  | Width (mm) | Depth (mm) | Height Mounted (mm) | Weight (kg) |
|-------------|----|------------|------------|---------------------|-------------|
| 82343420808 | 42 | 800        | 800        | 2145                | 151         |



INDOOR CABINET

Indus Wall Version  
IP55 Interior

The series Indus of barpa are designed for industrial purposes. Application in Warehouses, factories, where there are harsh environments

but with no direct rain or external usage. Cabinet mounted with IP55 protection class against dust and water jets (EN60529).

- IEC 60529:1989+A1:1999+A2:2013;
- ANSI/EIA RS-310-E; IEC 60297-3;
- DIN41494 Part 1 and 7.

ROHS

INDUS

100 Kg

SPECIFICATIONS

|                       |                |
|-----------------------|----------------|
| Loading Capacity (kg) | 100            |
| Color                 | Grey (RAL7035) |
| Earth connection      | Yes            |
| Index Protection      | IP55           |
| IK                    | 10             |

LOGISTIC INFORMATION

| Code        | U  | Width (mm) | Depth (mm) | Height Mounted (mm) | Weight (kg) |
|-------------|----|------------|------------|---------------------|-------------|
| 82323120604 | 12 | 600        | 450        | 635                 | 31,5        |
| 82323120606 | 12 | 600        | 600        | 635                 | 37,0        |
| 82323180604 | 18 | 600        | 450        | 902                 | 37,5        |
| 82323180606 | 18 | 600        | 600        | 902                 | 45,0        |

SERVER CABINET

Cetus 1

Cetus 1 cabinet was designed for demanding spaces, like Data Centers. It’s available in a range of heights and depths and accommodates a load of up to 1500 kg. The best way to

get the most of this cabinet is with barpa accessories, you can get them separately. Order this product either assembled or in flat packs.

• ANSI/EIA RS-310-D; • IEC 60297-2; • DIN 41494 Part 1 and 7.



SPECIFICATIONS

|                       |                                                                                                                                                                                                     |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Material              | SPCC Cold Rolled Steel; 19" rails: 2,0mm; Casters tray: 2,0mm; Others 1,2mm                                                                                                                         |
| Loading Capacity (kg) | 1500                                                                                                                                                                                                |
| Color                 | Black (RAL 7021)                                                                                                                                                                                    |
| Ventilation (%)       | 67                                                                                                                                                                                                  |
| Earth Connection      | Yes                                                                                                                                                                                                 |
| Product Family        | Serie Cetus                                                                                                                                                                                         |
| Packaging             | Flat packing - making it easier to transport                                                                                                                                                        |
| Design                | Side door: split into 2 parts, lockable with square locks; Front and rear door; pluggable front door and rear doors, with external hinges. Casters: fitted in the installation, 4 high load wheels. |
| Frame                 | Duplex profile frames, could be connected by 8 pieces of screws                                                                                                                                     |
| Front and Rear Doors  | Sheet steel front door perforated + Double sheet steel rear door perforated                                                                                                                         |
| Cable Entries         | Sliding and adjustable cable entries on top and bottom, edges of cable entries are with the design to prevent wires from scratching                                                                 |
| Mounting Rails        | Installation position of mounting rails could be adjusted quickly                                                                                                                                   |
| Includes              | 2 x vertical cable management panel. Locks. Casters. Adjustable feet.                                                                                                                               |



SERVER CABINET

Cetus 1

Cetus 1 cabinet was designed for demanding spaces, like Data Centers. It's available in a range of heights and depths and accommodates a load of up to 1500 kg. The best way to get the most of this cabinet is with barpa accessories, you should get them separately.

- ANSI/EIA RS-310-D; • IEC 60297-2;
- DIN 41494 Parte 1 e 7.



LOGISTIC INFORMATION

|             |    |            |             |                     | Dimensions (mm) |               |              |              | Weight (kg) |        |        |        |
|-------------|----|------------|-------------|---------------------|-----------------|---------------|--------------|--------------|-------------|--------|--------|--------|
| Code        | U  | Width (mm) | Length (mm) | Mounted Height (mm) | Pack 1          | Pack 2        | Pack 3       | Pack 4       | Pack 1      | Pack 2 | Pack 3 | Pack 4 |
| 82351240608 | 24 | 600        | 800         | 1230                | 1270x830x130    | 1270x830x130  | 620x750x130  | -            | 31          | 31     | 19     | -      |
| 82351420608 | 42 | 600        | 800         | 2030                | 2070x830x130    | 2070x830x130  | 620x750x130  | -            | 48          | 50     | 19     | -      |
| 82351420610 | 42 | 600        | 1000        | 2030                | 2070x1030x130   | 2070x1030x130 | 620x950x130  | -            | 53          | 56     | 21     | -      |
| 82351420612 | 42 | 600        | 1200        | 2030                | 2070x1230x130   | 2070x1230x130 | 620x1150x130 | -            | 58          | 61     | 23     | -      |
| 82351420808 | 42 | 800        | 800         | 2030                | 2070x890x130    | 2070x890x130  | 900x810x130  | 1840x200x130 | 50          | 52     | 30     | 9      |
| 82351420810 | 42 | 800        | 1000        | 2030                | 2070x1030x130   | 2070x1030x130 | 900x1010x130 | 1840x200x130 | 55          | 57     | 34     | 9      |
| 82351420812 | 42 | 800        | 1200        | 2030                | 2070x1230x130   | 2070x1230x130 | 900x1210x130 | 1840x200x130 | 60          | 62     | 38     | 9      |
| 82351470608 | 47 | 600        | 800         | 2252                | 2270x830x130    | 2270x830x130  | 620x750x130  | -            | 56          | 58     | 18     | -      |
| 82351470610 | 47 | 600        | 1000        | 2252                | 2270x1030x130   | 2270x1030x130 | 620x950x130  | -            | 61          | 64     | 21     | -      |
| 82351470612 | 47 | 600        | 1200        | 2252                | 2270x1230x130   | 2270x1230x130 | 620x1150x130 | -            | 66          | 69     | 22     | -      |
| 82351470808 | 47 | 800        | 800         | 2252                | 2270x890x130    | 2270x890x130  | 820x750x130  | 2110x200x130 | 58          | 60     | 26     | 10     |
| 82351470810 | 47 | 800        | 1000        | 2252                | 2270x1030x130   | 2270x1030x130 | 820x1010x130 | 2110x200x130 | 63          | 65     | 30     | 10     |
| 82351470812 | 47 | 800        | 1200        | 2252                | 2270x1230x130   | 2270x1230x130 | 820x1210x130 | 2110x200x130 | 68          | 70     | 34     | 10     |

Note: To order the assembled rack, add "M" at the end of the code.

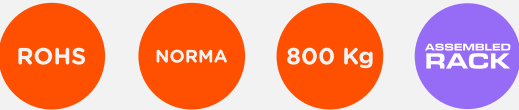
NETWORK CABINET

Norma

Norma cabinet was designed for Networking Rooms. It's available in a range of heights and depths and accommodates a load of up to 800 kg. Five configurations are available: Norma 0,

Norma 1, Norma 2, Norma 3 and Norma 4. The best way to get the most of this cabinet is with barpa accessories, you should get them separately. Order this product either assembled or in flat packs.

- ANSI/EIA RS-310-D; • IEC 60297-2;
- DIN 41494 Parte 1 and 7.



SPECIFICATIONS

|                       |                                                                             |
|-----------------------|-----------------------------------------------------------------------------|
| Material              | SPCC Cold Rolled Steel; 19" rails: 2.0mm; Casters tray: 2.0mm; Others 1.2mm |
| Loading Capacity (kg) | 800                                                                         |
| Color                 | Black (RAL9004)                                                             |
| Earth Connection      | Yes                                                                         |
| Includes              | 2 x Vertical cable management panel, Casters, Adjustable feet, Locks*       |

\* Not included in Norma 0.

FEATURES

|                                                                |
|----------------------------------------------------------------|
| Exceptional design with precise dimensions                     |
| High-load adjustable wheels                                    |
| Cable entry through the ceiling and floor with adjustable size |
| Removable side panels for easy maintenance                     |

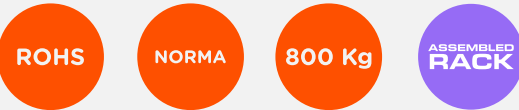


NETWORK CABINET

Norma 0

Norma cabinet was designed for Networking Rooms. It's available in a range of heights and depths and accommodates a load of up to 800 kg. Five configurations are available: Norma 0, Norma 1, Norma 2, Norma 3 and Norma 4. The best way to get the most of this cabinet is with barpa accessories, you should get them separately. Order this product either assembled or in flat packs.

- ANSI/EIA RS-310-D; • IEC 60297-2;
- DIN 41494 Part 1 y 7.



Without doors and side panels.

LOGISTIC INFORMATION

|             |    |            |             |                     | Dimensions (mm) |              |              | Weight (kg) |        |        |
|-------------|----|------------|-------------|---------------------|-----------------|--------------|--------------|-------------|--------|--------|
| Code        | U  | Width (mm) | Length (mm) | Mounted Height (mm) | Pack 1          | Pack 2       | Pack 4       | Pack 1      | Pack 2 | Pack 4 |
| 82341015606 | 15 | 600        | 600         | 870                 | 800x630x240     | 640x660x110  | -            | 14          | 16     | -      |
| 82341015608 |    | 600        | 800         | 870                 | 800x630x240     | 640x860x110  | -            | 14          | 20     | -      |
| 82341020606 | 20 | 600        | 600         | 1092                | 1020x630x240    | 640x660x110  | -            | 17          | 16     | -      |
| 82341020608 |    | 600        | 800         | 1092                | 1020x630x240    | 640x860x110  | -            | 17          | 20     | -      |
| 82341024606 | 24 | 600        | 600         | 1270                | 1200x630x240    | 640x660x110  | -            | 19          | 16     | -      |
| 82341024608 |    | 600        | 800         | 1270                | 1200x630x240    | 640x860x110  | -            | 19          | 20     | -      |
| 82341024810 |    | 800        | 1000        | 1270                | 1200x825x240    | 840x1060x130 | 1025x840x110 | 21          | 33     | 7      |
| 82341029606 | 29 | 600        | 600         | 1492                | 1420x630x240    | 640x660x110  | -            | 22          | 16     | -      |
| 82341029608 |    | 600        | 800         | 1492                | 1420x630x240    | 640x860x110  | -            | 22          | 20     | -      |
| 82341033606 | 33 | 600        | 600         | 1670                | 1600x630x240    | 640x660x110  | -            | 24          | 16     | -      |
| 82341033608 |    | 600        | 800         | 1670                | 1600x630x240    | 640x860x110  | -            | 24          | 20     | -      |
| 82341038606 | 38 | 600        | 600         | 1892                | 1820x630x240    | 640x660x110  | -            | 27          | 16     | -      |
| 82341038608 |    | 600        | 800         | 1892                | 1820x630x240    | 640x860x110  | -            | 27          | 21     | -      |
| 82341038610 |    | 600        | 1000        | 1892                | 1820x630x240    | 640x1060x110 | -            | 27          | 24     | -      |
| 82341038806 |    | 800        | 600         | 1892                | 1820x830x240    | 840x660x130  | 1660x200x130 | 29          | 24     | 8      |
| 82341038808 |    | 800        | 800         | 1892                | 1820x830x240    | 840x860x130  | 1660x200x130 | 29          | 30     | 8      |
| 82341038810 |    | 800        | 1000        | 1892                | 1820x830x240    | 840x1060x130 | 1660x200x130 | 29          | 35     | 8      |
| 82341042606 |    | 600        | 600         | 2070                | 2000x630x240    | 640x660x110  | -            | 30          | 16     | -      |
| 82341042608 | 42 | 600        | 800         | 2070                | 2000x630x240    | 640x860x110  | -            | 30          | 21     | -      |
| 82341042610 |    | 600        | 1000        | 2070                | 2000x630x240    | 640x1060x110 | -            | 30          | 24     | -      |
| 82341042806 |    | 800        | 600         | 2070                | 2000x830x240    | 840x660x130  | 1840x200x130 | 32          | 24     | 9      |
| 82341042808 |    | 800        | 800         | 2070                | 2000x830x240    | 840x860x130  | 1840x200x130 | 32          | 30     | 9      |

Note: To order the assembled rack, add "M" at the end of the code.

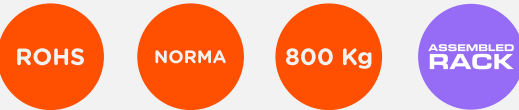


NETWORK CABINET

Norma 0

Norma cabinet was designed for Networking Rooms. It's available in a range of heights and depths and accommodates a load of up to 800 kg. Five configurations are available: Norma 0, Norma 1, Norma 2, Norma 3 and Norma 4. The best way to get the most of this cabinet is with barpa accessories, you should get them separately. Order this product either assembled or in flat packs.

- ANSI/EIA RS-310-D; • IEC 60297-2;
- DIN 41494 Part 1 y 7.



Without doors and side panels.

LOGISTIC INFORMATION

|              |    |            |             |                     | Dimensions (mm) |              |              | Weight (kg) |        |        |
|--------------|----|------------|-------------|---------------------|-----------------|--------------|--------------|-------------|--------|--------|
| Code         | U  | Width (mm) | Length (mm) | Mounted Height (mm) | Pack 1          | Pack 2       | Pack 4       | Pack 1      | Pack 2 | Pack 4 |
| 82341042810  | 42 | 800        | 1000        | 2070                | 2000x830x240    | 840x1060x130 | 1840x200x130 | 32          | 35     | 9      |
| 82341042812  |    | 800        | 1200        | 2070                | 2000x830x240    | 1230x830x130 | 1840x200x130 | 32          | 40     | 9      |
| 82341047606  |    | 600        | 600         | 2292                | 2220x630x240    | 640x660x110  | -            | 33          | 16     | -      |
| 82341047608  |    | 600        | 800         | 2292                | 2220x630x240    | 640x860x110  | -            | 33          | 21     | -      |
| 82341047610  | 47 | 600        | 1000        | 2292                | 2220x630x240    | 640x1060x110 | -            | 33          | 24     | -      |
| 82341047806  |    | 800        | 600         | 2292                | 2220x830x240    | 840x660x130  | 2060x200x130 | 34          | 24     | 11     |
| 82341047808  |    | 800        | 800         | 2292                | 2220x830x240    | 840x860x130  | 2060x200x130 | 34          | 30     | 11     |
| 82341047810  |    | 800        | 1000        | 2292                | 2220x830x240    | 840x1060x130 | 2060x200x130 | 34          | 35     | 11     |
| 823410478112 |    | 800        | 1200        | 2292                | 2000x830x240    | 1230x830x130 | 2060x200x130 | 34          | 40     | 11     |

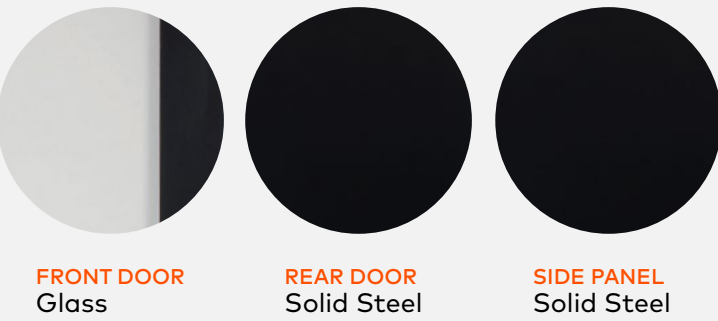
Note: To order the assembled rack, add "M" at the end of the code.

NETWORK CABINET

Norma 1

Norma cabinet was designed for Networking Rooms. It's available in a range of heights and depths and accommodates a load of up to 800 kg. Five configurations are available: Norma 0, Norma 1, Norma 2, Norma 3 and Norma 4. The best way to get the most of this cabinet is with barpa accessories, you should get them separately. Order this product either assembled or in flat packs.

- ANSI/EIA RS-310-D; • IEC 60297-2;
- DIN 41494 Parte 1 e 7.



2 additional Pack 5 Units (Lock).  
Dimension: 180x50x48 mm; Weight: 0.48 kg.

LOGISTIC INFORMATION

|             |    |            |             |                     | Dimensions (mm) |              |              |              | Weight (kg) |        |        |        |
|-------------|----|------------|-------------|---------------------|-----------------|--------------|--------------|--------------|-------------|--------|--------|--------|
| Code        | U  | Width (mm) | Length (mm) | Mounted Height (mm) | Pack 1          | Pack 2       | Pack 3       | Pack 4       | Pack 1      | Pack 2 | Pack 3 | Pack 4 |
| 82341115606 | 15 | 600        | 600         | 870                 | 800x630x240     | 640x660x110  | 760x650x120  | -            | 14          | 16     | 18     | -      |
| 82341115608 |    | 600        | 800         | 870                 | 800x630x240     | 640x860x110  | 760x650x120  | -            | 14          | 20     | 20     | -      |
| 82341120606 | 20 | 600        | 600         | 1092                | 1020x630x240    | 640x660x110  | 1000x650x120 | -            | 17          | 16     | 23     | -      |
| 82341120608 |    | 600        | 800         | 1092                | 1020x630x240    | 640x860x110  | 1000x650x120 | -            | 17          | 20     | 26     | -      |
| 82341124606 | 24 | 600        | 600         | 1270                | 1200x630x240    | 640x660x110  | 1160x650x120 | -            | 19          | 16     | 27     | -      |
| 82341124608 |    | 600        | 800         | 1270                | 1200x630x240    | 640x860x110  | 1160x650x120 | -            | 19          | 20     | 30     | -      |
| 82341129606 | 29 | 600        | 600         | 1492                | 1420x630x240    | 640x660x110  | 1390x650x120 | -            | 22          | 16     | 32     | -      |
| 82341129608 |    | 600        | 800         | 1492                | 1420x630x240    | 640x860x110  | 1390x650x120 | -            | 22          | 20     | 36     | -      |
| 82341133606 | 33 | 600        | 600         | 1670                | 1600x630x240    | 640x660x110  | 1580x650x120 | -            | 24          | 16     | 36     | -      |
| 82341133608 |    | 600        | 800         | 1670                | 1600x630x240    | 640x860x110  | 1580x650x120 | -            | 24          | 20     | 42     | -      |
| 82341138606 | 38 | 600        | 600         | 1892                | 1820x630x240    | 640x660x110  | 1780x650x120 | -            | 27          | 16     | 41     | -      |
| 82341138608 |    | 600        | 800         | 1892                | 1820x630x240    | 640x860x110  | 1780x650x120 | -            | 27          | 21     | 48     | -      |
| 82341138610 |    | 600        | 1000        | 1892                | 1820x630x240    | 640x1060x110 | 1790x780x120 | -            | 27          | 24     | 49     | -      |
| 82341138806 |    | 800        | 600         | 1892                | 1820x830x240    | 840x660x130  | 1770x850x120 | 1660x200x130 | 29          | 24     | 50     | 8      |
| 82341138808 |    | 800        | 800         | 1892                | 1820x830x240    | 840x860x130  | 1770x850x120 | 1660x200x130 | 29          | 30     | 56     | 8      |
| 82341138810 |    | 800        | 1000        | 1892                | 1820x830x240    | 840x1060x130 | 1770x850x120 | 1660x200x130 | 29          | 35     | 62     | 8      |
| 82341142606 | 42 | 600        | 600         | 2070                | 2000x630x240    | 640x660x110  | 1960x650x120 | -            | 30          | 16     | 45     | -      |
| 82341142608 |    | 600        | 800         | 2070                | 2000x630x240    | 640x860x110  | 1960x650x120 | -            | 30          | 21     | 52     | -      |
| 82341142610 |    | 600        | 1000        | 2070                | 2000x630x240    | 640x1060x110 | 1960x790x120 | -            | 30          | 24     | 60     | -      |
| 82341142806 |    | 800        | 600         | 2070                | 2000x830x240    | 840x660x130  | 1960x850x120 | 1840x200x130 | 32          | 24     | 54     | 9      |
| 82341142808 |    | 800        | 800         | 2070                | 2000x830x240    | 840x860x130  | 1960x850x120 | 1840x200x130 | 32          | 30     | 62     | 9      |
| 82341142810 |    | 800        | 1000        | 2070                | 2000x830x240    | 840x1060x130 | 1960x850x120 | 1840x200x130 | 32          | 35     | 68     | 9      |

Note: To order the assembled rack, add "M" at the end of the code.

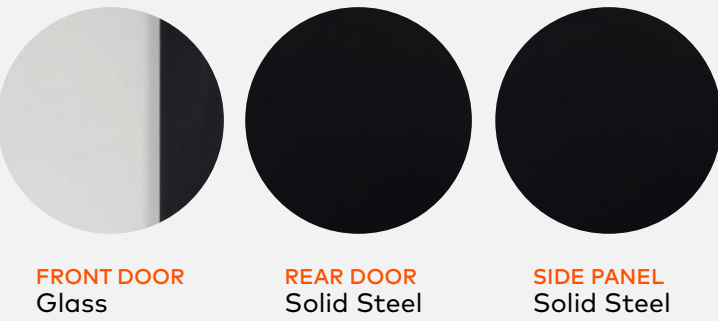


NETWORK CABINET

Norma 1

Norma cabinet was designed for Networking Rooms. It's available in a range of heights and depths and accommodates a load of up to 800 kg. Five configurations are available: Norma 0, Norma 1, Norma 2, Norma 3 and Norma 4. The best way to get the most of this cabinet is with barpa accessories, you should get them separately. Order this product either assembled or in flat packs.

- ANSI/EIA RS-310-D; • IEC 60297-2;
- DIN 41494 Parte 1 e 7.



2 additional Pack 5 Units (Lock).  
Dimension: 180x50x48 mm; Weight: 0.48 kg.



LOGISTIC INFORMATION

|             |    |            |             |                     | Dimensions (mm) |              |              |              | Weight (kg) |        |        |        |
|-------------|----|------------|-------------|---------------------|-----------------|--------------|--------------|--------------|-------------|--------|--------|--------|
| Code        | U  | Width (mm) | Length (mm) | Mounted Height (mm) | Pack 1          | Pack 2       | Pack 3       | Pack 4       | Pack 1      | Pack 2 | Pack 3 | Pack 4 |
| 82341147606 | 47 | 600        | 600         | 2292                | 2220x630x240    | 640x660x110  | 2190x650x120 | -            | 33          | 16     | 50     | -      |
| 82341147608 |    | 600        | 800         | 2292                | 2220x630x240    | 640x860x110  | 2190x650x120 | -            | 33          | 21     | 58     | -      |
| 82341147610 |    | 600        | 1000        | 2292                | 2220x630x240    | 640x1060x110 | 2190x790x120 | -            | 33          | 24     | 66     | -      |
| 82341147806 |    | 800        | 600         | 2292                | 2220x830x240    | 840x660x130  | 2190x790x110 | 2060x200x130 | 34          | 24     | 55     | 11     |
| 82341147808 |    | 800        | 800         | 2292                | 2220x830x240    | 840x860x130  | 2160x790x110 | 2060x200x130 | 34          | 30     | 68     | 11     |
| 82341147810 |    | 800        | 1000        | 2292                | 2220x830x240    | 840x1060x130 | 2160x850x110 | 2060x200x130 | 34          | 35     | 74     | 11     |

Note: To order the assembled rack, add "M" at the end of the code.

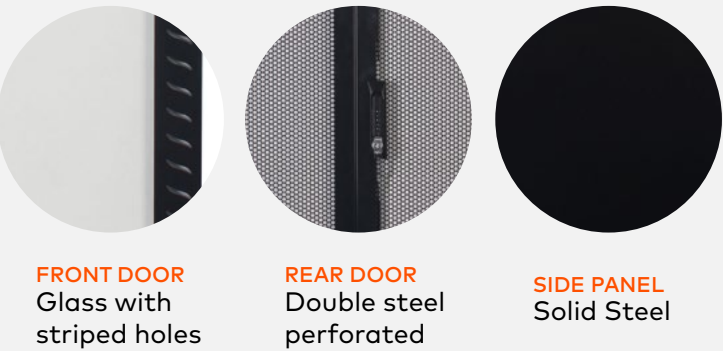
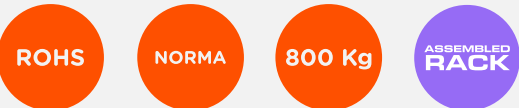


NETWORK CABINET

Norma 2

Norma cabinet was designed for Networking Rooms. It's available in a range of heights and depths and accommodates a load of up to 800 kg. Five configurations are available: Norma 0, Norma 1, Norma 2, Norma 3 and Norma 4. The best way to get the most of this cabinet is with barpa accessories, you should get them separately. Order this product either assembled or in flat packs.

- ANSI/EIA RS-310-D; • IEC 60297-2;
- DIN 41494 Parte 1 e 7.



1 additional Pack 5 Units (Lock).  
Dimension: 180x50x48 mm; Weight: 0.48 kg.

LOGISTIC INFORMATION

|             |    |            |             |                     | Dimensions (mm) |              |              |              | Weight (kg) |        |        |        |
|-------------|----|------------|-------------|---------------------|-----------------|--------------|--------------|--------------|-------------|--------|--------|--------|
| Code        | U  | Width (mm) | Length (mm) | Mounted Height (mm) | Pack 1          | Pack 2       | Pack 3       | Pack 4       | Pack 1      | Pack 2 | Pack 3 | Pack 4 |
| 82341215606 | 15 | 600        | 600         | 870                 | 800x630x240     | 640x660x110  | 760x650x120  | -            | 14          | 16     | 17     | -      |
| 82341215608 |    | 600        | 800         | 870                 | 800x630x240     | 640x860x110  | 760x650x120  | -            | 14          | 20     | 20     | -      |
| 82341220606 | 20 | 600        | 600         | 1092                | 1020x620x240    | 640x660x110  | 1000x650x120 | -            | 17          | 16     | 23     | -      |
| 82341220608 |    | 600        | 800         | 1092                | 1020x620x240    | 640x860x110  | 1000x650x120 | -            | 17          | 20     | 26     | -      |
| 82341224606 | 24 | 600        | 600         | 1270                | 1200x630x240    | 640x660x110  | 1160x650x120 | -            | 19          | 16     | 26     | -      |
| 82341224608 |    | 600        | 800         | 1270                | 1200x630x240    | 640x860x110  | 1160x650x120 | -            | 19          | 20     | 27     | -      |
| 82341229606 | 29 | 600        | 600         | 1492                | 1420x630x240    | 640x660x110  | 1390x650x120 | -            | 22          | 16     | 31     | -      |
| 82341229608 |    | 600        | 800         | 1492                | 1420x630x240    | 640x860x110  | 1390x650x120 | -            | 22          | 20     | 34     | -      |
| 82341233606 | 33 | 600        | 600         | 1670                | 1600x630x240    | 640x660x110  | 1580x650x120 | -            | 24          | 16     | 35     | -      |
| 82341233608 |    | 600        | 800         | 1670                | 1600x630x240    | 640x860x110  | 1580x650x120 | -            | 24          | 20     | 40     | -      |
| 82341238606 | 38 | 600        | 600         | 1892                | 1820x630x240    | 640x660x110  | 1780x650x120 | -            | 27          | 16     | 39     | -      |
| 82341238608 |    | 600        | 800         | 1892                | 1820x630x240    | 640x860x110  | 1780x650x120 | -            | 27          | 21     | 46     | -      |
| 82341238610 |    | 600        | 1000        | 1892                | 1820x630x240    | 640x1060x110 | 1780x790x120 | -            | 27          | 24     | 53     | -      |
| 82341238806 |    | 800        | 600         | 1892                | 1820x830x240    | 840x660x130  | 1780x850x120 | 1660x200x130 | 29          | 24     | 47     | 8      |
| 82341238808 |    | 800        | 800         | 1892                | 1820x830x240    | 840x860x130  | 1780x850x120 | 1660x200x130 | 29          | 30     | 54     | 8      |
| 82341238810 |    | 800        | 1000        | 1892                | 1820x830x240    | 840x1060x130 | 1780x850x120 | 1660x200x130 | 29          | 35     | 60     | 8      |
| 82341242606 | 42 | 600        | 600         | 2070                | 2000x630x240    | 640x660x110  | 1960x650x120 | -            | 30          | 16     | 44     | -      |
| 82341242608 |    | 600        | 800         | 2070                | 2000x630x240    | 640x860x110  | 1960x650x120 | -            | 30          | 21     | 50     | -      |
| 82341242610 |    | 600        | 1000        | 2070                | 2000x630x240    | 640x1060x110 | 1960x790x120 | -            | 30          | 24     | 58     | -      |
| 82341242806 |    | 800        | 600         | 2070                | 2000x830x240    | 840x660x130  | 1960x850x120 | 1840x200x130 | 32          | 24     | 52     | 9      |
| 82341242808 |    | 800        | 800         | 2070                | 2000x830x240    | 840x860x130  | 1960x850x120 | 1840x200x130 | 32          | 30     | 59     | 9      |
| 82341242810 |    | 800        | 1000        | 2070                | 2000x830x240    | 840x1060x130 | 1940x850x110 | 1840x200x130 | 32          | 35     | 66     | 9      |

Note: To order the assembled rack, add "M" at the end of the code.

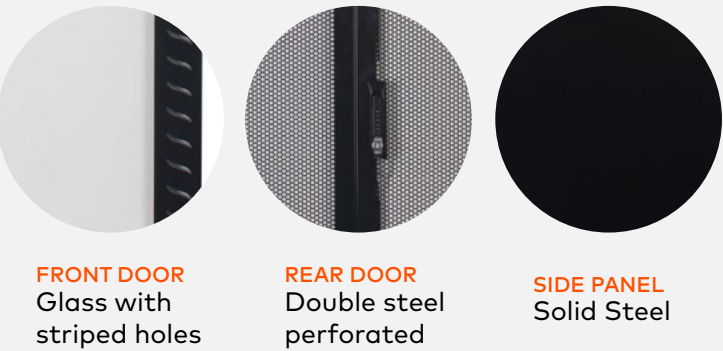
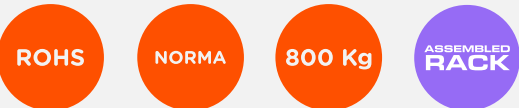


NETWORK CABINET

Norma 2

Norma cabinet was designed for Networking Rooms. It's available in a range of heights and depths and accommodates a load of up to 800 kg. Five configurations are available: Norma 0, Norma 1, Norma 2, Norma 3 and Norma 4. The best way to get the most of this cabinet is with barpa accessories, you should get them separately. Order this product either assembled or in flat packs.

- ANSI/EIA RS-310-D; • IEC 60297-2;
- DIN 41494 Parte 1 e 7.



1 additional Pack 5 Units (Lock).  
Dimension: 180x50x48 mm; Weight: 0.48 kg.



LOGISTIC INFORMATION

|             |    |            |             |                     | Dimensions (mm) |              |              |              | Weight (kg) |        |        |        |
|-------------|----|------------|-------------|---------------------|-----------------|--------------|--------------|--------------|-------------|--------|--------|--------|
| Code        | U  | Width (mm) | Length (mm) | Mounted Height (mm) | Pack 1          | Pack 2       | Pack 3       | Pack 4       | Pack 1      | Pack 2 | Pack 3 | Pack 4 |
| 82341247606 | 47 | 600        | 600         | 2292                | 2220x630x240    | 640x660x110  | 2190x650x120 | -            | 33          | 16     | 38     | -      |
| 82341247608 |    | 600        | 800         | 2292                | 2220x630x240    | 640x860x110  | 2190x650x120 | -            | 33          | 21     | 45     | -      |
| 82341247610 |    | 600        | 1000        | 2292                | 2220x630x240    | 640x1060x110 | 2190x790x120 | -            | 33          | 24     | 53     | -      |
| 82341247806 |    | 800        | 600         | 2292                | 2220x830x240    | 840x660x130  | 2190x850x120 | 2060x200x130 | 34          | 24     | 45     | 11     |
| 82341247808 |    | 800        | 800         | 2292                | 2220x830x240    | 840x860x130  | 2190x850x120 | 2060x200x130 | 34          | 30     | 59     | 11     |
| 82341247810 |    | 800        | 1000        | 2292                | 2220x830x240    | 840x1060x130 | 2190x850x120 | 2060x200x130 | 34          | 35     | 60     | 11     |

Note: To order the assembled rack, add "M" at the end of the code.

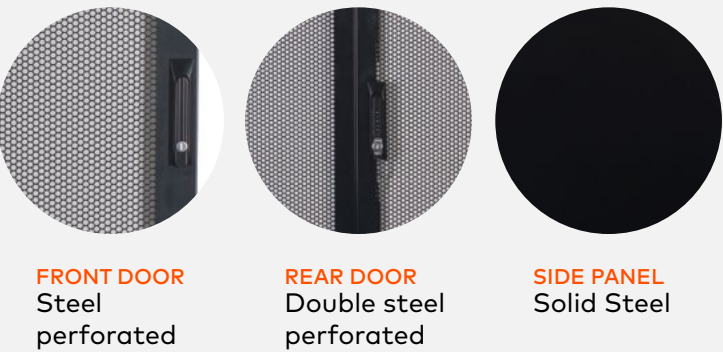


NETWORK CABINET

Norma 3

Norma cabinet was designed for Networking Rooms. It's available in a range of heights and depths and accommodates a load of up to 800 kg. Five configurations are available: Norma 0, Norma 1, Norma 2, Norma 3 and Norma 4. The best way to get the most of this cabinet is with barpa accessories, you should get them separately. Order this product either assembled or in flat packs.

- ANSI/EIA RS-310-D; • IEC 60297-2;
- DIN 41494 Parte 1 e 7.



1 additional Pack 5 Units (Lock).  
Dimension: 180x50x48 mm; Weight: 0.48 kg.

LOGISTIC INFORMATION

|             |    |            |             |                     | Dimensions (mm) |              |              |              | Weight (kg) |        |        |        |
|-------------|----|------------|-------------|---------------------|-----------------|--------------|--------------|--------------|-------------|--------|--------|--------|
| Code        | U  | Width (mm) | Length (mm) | Mounted Height (mm) | Pack 1          | Pack 2       | Pack 3       | Pack 4       | Pack 1      | Pack 2 | Pack 3 | Pack 4 |
| 82341315606 | 15 | 600        | 600         | 870                 | 800x630x240     | 640x660x110  | 740x640x120  | -            | 14          | 16     | 11     | -      |
| 82341315608 |    | 600        | 800         | 870                 | 800x630x240     | 640x860x110  | 740x640x120  | -            | 14          | 20     | 14     | -      |
| 82341320606 | 20 | 600        | 600         | 1092                | 1020x630x240    | 640x660x110  | 960x640x120  | -            | 17          | 16     | 13     | -      |
| 82341320608 |    | 600        | 800         | 1092                | 1020x630x240    | 640x860x110  | 960x640x120  | -            | 17          | 20     | 17     | -      |
| 82341324606 | 24 | 600        | 600         | 1270                | 1200x630x240    | 640x660x110  | 1140x640x120 | -            | 19          | 16     | 16     | -      |
| 82341324608 |    | 600        | 800         | 1270                | 1200x630x240    | 640x860x110  | 1140x640x120 | -            | 19          | 20     | 20     | -      |
| 82341324810 |    | 800        | 1000        | 1270                | 1200x825x240    | 840x1060x130 | 1150x840x110 | 1025x840x110 | 21          | 33     | 42     | 7      |
| 82341329606 | 29 | 600        | 600         | 1492                | 1420x630x240    | 640x660x110  | 1360x640x120 | -            | 22          | 16     | 18     | -      |
| 82341329608 |    | 600        | 800         | 1492                | 1420x630x240    | 640x860x110  | 1360x640x120 | -            | 22          | 20     | 23     | -      |
| 82341333606 | 33 | 600        | 600         | 1670                | 1600x630x240    | 640x660x110  | 1540x640x120 | -            | 24          | 16     | 21     | -      |
| 82341333608 |    | 600        | 800         | 1670                | 1600x630x240    | 640x860x110  | 1540x640x120 | -            | 24          | 20     | 26     | -      |
| 82341338606 | 38 | 600        | 600         | 1892                | 1820x630x240    | 640x660x110  | 1790x650x120 | -            | 27          | 16     | 23     | -      |
| 82341338608 |    | 600        | 800         | 1892                | 1820x630x240    | 640x860x110  | 1790x650x120 | -            | 27          | 21     | 29     | -      |
| 82341338610 |    | 600        | 1000        | 1892                | 1820x630x240    | 640x1060x110 | 1790x790x120 | -            | 27          | 24     | 35     | -      |
| 82341338806 |    | 800        | 600         | 1892                | 1820x830x240    | 840x660x130  | 1790x850x120 | 1660x200x130 | 29          | 24     | 27     | 8      |
| 82341338808 |    | 800        | 800         | 1892                | 1820x830x240    | 840x860x130  | 1790x850x120 | 1660x200x130 | 29          | 30     | 33     | 8      |
| 82341338810 |    | 800        | 1000        | 1892                | 1820x830x240    | 840x1060x130 | 1790x850x120 | 1660x200x130 | 29          | 35     | 39     | 8      |
| 82341342606 | 42 | 600        | 600         | 2070                | 2000x630x240    | 640x660x110  | 1960x650x120 | -            | 30          | 16     | 30     | -      |
| 82341342608 |    | 600        | 800         | 2070                | 2000x630x240    | 640x860x110  | 1960x650x120 | -            | 30          | 21     | 37     | -      |
| 82341342610 |    | 600        | 1000        | 2070                | 2000x630x240    | 640x1060x110 | 1960x790x120 | -            | 30          | 24     | 43     | -      |
| 82341342806 |    | 800        | 600         | 2070                | 2000x830x240    | 840x660x130  | 1960x850x120 | 1840x200x130 | 32          | 24     | 28     | 9      |
| 82341342808 |    | 800        | 800         | 2070                | 2000x830x240    | 840x860x130  | 1960x850x120 | 1840x200x130 | 32          | 30     | 36     | 9      |
| 82341342810 |    | 800        | 1000        | 2070                | 2000x830x240    | 840x1060x130 | 1960x850x120 | 1840x200x130 | 32          | 35     | 43     | 9      |

Note: To order the assembled rack, add "M" at the end of the code.

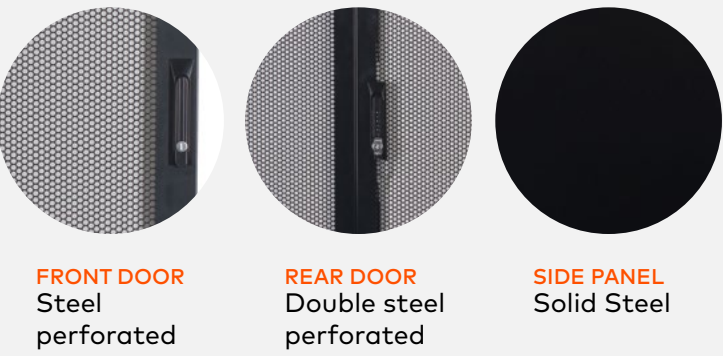


NETWORK CABINET

Norma 3

Norma cabinet was designed for Networking Rooms. It's available in a range of heights and depths and accommodates a load of up to 800 kg. Five configurations are available: Norma 0, Norma 1, Norma 2, Norma 3 and Norma 4. The best way to get the most of this cabinet is with barpa accessories, you should get them separately. Order this product either assembled or in flat packs.

- ANSI/EIA RS-310-D; • IEC 60297-2;
- DIN 41494 Parte 1 e 7.



1 additional Pack 5 Units (Lock).  
Dimension: 180x50x48 mm; Weight: 0.48 kg.

LOGISTIC INFORMATION

|             |    |            |             |                     | Dimensions (mm) |              |              |              | Weight (kg) |        |        |        |
|-------------|----|------------|-------------|---------------------|-----------------|--------------|--------------|--------------|-------------|--------|--------|--------|
| Code        | U  | Width (mm) | Length (mm) | Mounted Height (mm) | Pack 1          | Pack 2       | Pack 3       | Pack 4       | Pack 1      | Pack 2 | Pack 3 | Pack 4 |
| 82341347606 | 47 | 600        | 600         | 2292                | 2220x630x240    | 640x660x110  | 2190x650x120 | -            | 33          | 16     | 28     | -      |
| 82341347608 |    | 600        | 800         | 2292                | 2220x630x240    | 640x860x110  | 2190x650x120 | -            | 33          | 21     | 36     | -      |
| 82341347610 |    | 600        | 1000        | 2292                | 2220x630x240    | 640x1060x110 | 2190x790x120 | -            | 33          | 24     | 53     | -      |
| 82341347806 |    | 800        | 600         | 2292                | 2220x830x240    | 840x660x130  | 2190x850x120 | 2060x200x130 | 34          | 24     | 33     | 11     |
| 82341347808 |    | 800        | 800         | 2292                | 2220x830x240    | 840x860x130  | 2190x850x120 | 2060x200x130 | 34          | 30     | 56     | 11     |
| 82341347810 |    | 800        | 1000        | 2292                | 2220x830x240    | 840x1060x130 | 2190x850x120 | 2060x200x130 | 34          | 35     | 62     | 11     |

Note: To order the assembled rack, add "M" at the end of the code.

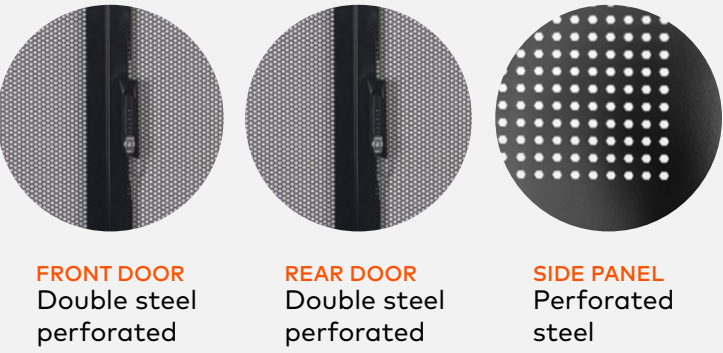
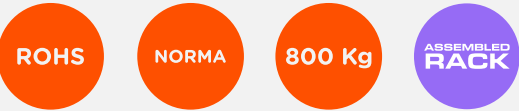


NETWORK CABINET

Norma 4

Norma cabinet was designed for Networking Rooms. It's available in a range of heights and depths and accommodates a load of up to 800 kg. Five configurations are available: Norma 0, Norma 1, Norma 2, Norma 3 and Norma 4. The best way to get the most of this cabinet is with barpa accessories, you should get them separately. Order this product either assembled or in flat packs.

- ANSI/EIA RS-310-D; • IEC 60297-2;
- DIN 41494 Parte 1 e 7.



Other references on request.

LOGISTIC INFORMATION

|              |    |            |             |                     | Dimensions (mm) |              |              |              | Weight (kg) |        |        |        |
|--------------|----|------------|-------------|---------------------|-----------------|--------------|--------------|--------------|-------------|--------|--------|--------|
| Code         | U  | Width (mm) | Length (mm) | Mounted Height (mm) | Pack 1          | Pack 2       | Pack 3       | Pack 4       | Pack 1      | Pack 2 | Pack 3 | Pack 4 |
| 82341442808  | 42 | 800        | 800         | 2070                | 2000x830x240    | 840x860x130  | 1960x850x120 | 1840x200x130 | 32          | 30     | 62     | 9      |
| 82341442810  |    | 800        | 1000        | 2070                | 2000x830x240    | 840x1060x130 | 1960x850x120 | 1840x200x130 | 32          | 35     | 65     | 9      |
| 82341442812  |    | 800        | 1200        | 2070                | 2000x830x240    | 1230x830x130 | 1960x850x120 | 1840x200x130 | 32          | 40     | 71     | 9      |
| 82341447808  | 47 | 800        | 800         | 2292                | 2000x830x240    | 840x860x130  | 2185x850x120 | 2060x200x130 | 34          | 30     | 68     | 11     |
| 82341447810  |    | 800        | 1000        | 2292                | 2000x830x240    | 840x1060x130 | 2185x850x120 | 2060x200x130 | 34          | 35     | 73     | 11     |
| 823414478112 |    | 800        | 1200        | 2292                | 2000x830x240    | 1230x830x130 | 2185x850x120 | 2060x200x130 | 34          | 40     | 78     | 11     |

Note: To order the assembled rack, add "M" at the end of the code.

WALL CABINET

Crux 1

Crux 1 is the wall cabinet of the barpa range of cabinets. It's available in a range of heights and depths and accommodates a load of up to 60 kg. The best way to get the

most of this cabinet is with barpa accessories, you can get them separately. Order this product either assembled or in flat packs.

• ANSI/EIA RS-310-D; • IEC 60297-2; • DIN 41494 Part 1 and 7.



LOGISTIC INFORMATION

|             |    |            |             |                     | Dimensions (mm) | Weight (kg) |
|-------------|----|------------|-------------|---------------------|-----------------|-------------|
| Code        | U  | Width (mm) | Length (mm) | Mounted Height (mm) | Pack            | Pack        |
| 82321060604 | 6  | 570        | 450         | 370                 | 420x620x230     | 17          |
| 82321060606 |    | 570        | 600         | 370                 | 570x620x250     | 20          |
| 82321090604 | 9  | 570        | 450         | 500                 | 560x620x210     | 20          |
| 82321090606 |    | 570        | 600         | 500                 | 570x620x230     | 23          |
| 82321120604 | 12 | 570        | 450         | 635                 | 690x620x190     | 24          |
| 82321120606 |    | 570        | 600         | 635                 | 690x630x180     | 27          |
| 82321150604 | 15 | 570        | 450         | 770                 | 820x620x180     | 28          |
| 82321150606 |    | 570        | 600         | 770                 | 840x610x180     | 31          |
| 82321180604 | 18 | 570        | 450         | 900                 | 960x620x180     | 31          |
| 82321180606 |    | 570        | 600         | 900                 | 950x620x180     | 41          |
| 82321220604 | 22 | 570        | 450         | 1080                | 1130x620x180    | 36          |
| 82321220606 |    | 570        | 600         | 1080                | 1140x620x180    | 41          |

Note: To order the assembled rack, add "M" at the end of the code.



WALL CABINET

Crux 2

Crux 2 cabinet is the wall mount bracket of the barpa range of cabinets. It's available in a range of heights and depths. Perfect for versatile solutions as small

networks, allowing to save space.

- ANSI/EIA RS-310-D; • IEC 60297-2;
- DIN 41494 Parte 1 e 7.



LOGISTIC INFORMATION

|             |             |   |               |               | Dimensions (mm) | Weight (kg) |
|-------------|-------------|---|---------------|---------------|-----------------|-------------|
| Code        | Description | U | Quantity (un) | Width (mm)    | Pack 1          | Pack 1      |
| 82311020600 | Crux 2 2U   | 2 | 1             | 6" - 152.4mm  | 550x120x190     | 2           |
| 82311030600 | Crux 2 3U   | 3 |               |               | 550x170x200     | 2           |
| 82311040600 | Crux 2 4U   | 4 |               |               | 550x210x190     | 2           |
| 82311060000 | Cover 6"    | - | 2             | 12" - 304.8mm | 550x110x220     | 2           |
| 82311041200 | Crux 2 4U   | 4 | 1             |               | 520x210x330     | 3           |
| 82311071200 | Crux 2 7U   | 7 |               |               | 520x330x320     | 5           |
| 82311120000 | Cover 12"   | - |               |               | 2               | 550x110x350 |



WALL CABINET

Crux 3 10"

Crux 3 cabinet is the wall mount bracket of the barpa range of cabinets. The best way to get the most of this cabinet is with barpa accessories, you should get

them separately. Perfect for versatile solutions as small networks.

• ANSI/EIA RS-310-D; • IEC 60297-2; • DIN 41494 Parte 1 e 7.



LOGISTIC INFORMATION

|             |             |   |                  |               |                |                | Dimensions<br>(mm) | Weight<br>(kg) |
|-------------|-------------|---|------------------|---------------|----------------|----------------|--------------------|----------------|
| Code        | Description | U | Quantity<br>(un) | Width<br>(mm) | Length<br>(mm) | Height<br>(mm) | Pack 1             | Pack 1         |
| 82361080000 | Crux 3      | 8 | 1                | 300           | 300            | 441            | 360x360x470        | 8,5            |

WALL CABINET

Crux 4

Crux 4 is the wall-mounted cabinet from the barpa range. It is available in various heights and depths, and can accommodate a load of up to 60 kg. To maximize the utility

of this cabinet, pair it with barpa accessories, which are sold separately. You can order this product either assembled or in flat pack form.

• ANSI/EIA RS-310-D; IEC60297-2; DIN41494 Part 1 and 7.



LOGISTIC INFORMATION

| Pack 1      |     |            |             |                     |                 |                   |                 |
|-------------|-----|------------|-------------|---------------------|-----------------|-------------------|-----------------|
| Code        | U   | Width (mm) | Length (mm) | Mounted Height (mm) | Dimensions (mm) | Gross Weight (kg) | Net Weight (kg) |
| 82324060604 | 6U  | 450        | 570         | 370                 | 420x620x230     | 14,5              | 13,5            |
| 82324060606 |     | 600        | 570         | 370                 | 570x620x250     | 17,5              | 16,5            |
| 82324090604 | 9U  | 450        | 570         | 500                 | 560x620x210     | 17                | 16              |
| 82324090606 |     | 600        | 570         | 500                 | 570x620x230     | 20,5              | 19,5            |
| 82324120604 | 12U | 450        | 570         | 635                 | 690x620x190     | 21                | 20              |
| 82324120606 |     | 600        | 570         | 635                 | 690x630x180     | 24,5              | 23,5            |
| 82324150604 | 15U | 450        | 570         | 770                 | 820x620x180     | 24,0              | 23,0            |
| 82324150606 |     | 600        | 570         | 770                 | 840x610x180     | 27,5              | 26,5            |
| 82324180604 | 18U | 450        | 570         | 900                 | 960x620x180     | 28                | 27              |
| 82324180606 |     | 600        | 570         | 900                 | 950x620x180     | 31                | 30              |
| 82324220604 | 22U | 450        | 570         | 1080                | 1130x620x180    | 32                | 31              |
| 82324220606 |     | 600        | 570         | 1080                | 1140x620x180    | 37                | 36              |

Note: To order the assembled rack, add "M" at the end of the code.

OPEN RACK

Pyxis 1

barpa Pyxis 1 cabinet was designed for network rooms with low ventilation. It's available in a range of heights and accommodates a load of up to 250 kg. The best way to

get the most of this cabinet is with barpa accessories, you should get them separately. Order this product either assembled or in flat packs.

- ANSI/EIA RS-310-D; • IEC 60297-2;
- DIN 41494 Part 1 and 7.



SPECIFICATIONS

|                       |                                                     |
|-----------------------|-----------------------------------------------------|
| Material              | SPCC Cold Rolled Steel; Column: 1.5mm. Others 2.0mm |
| Loading Capacity (kg) | 250                                                 |
| Color                 | Black (RAL9004)                                     |
| Ventilation (%)       | 100                                                 |
| Product Family        | Série Pyxis                                         |

LOGISTIC INFORMATION

|             |    |            |            |                     | Dimensions (mm) | Weight (kg) |
|-------------|----|------------|------------|---------------------|-----------------|-------------|
| Code        | U  | Width (mm) | Width (mm) | Mounted Height (mm) | Pack 1          | Pack 1      |
| 82331290606 | 29 | 600        | 600        | 1288                | 1420x280x140    | 30          |
| 82331330606 | 33 |            |            | 1660                | 1600x280x140    | 32          |
| 82331380606 | 38 |            |            | 1822                | 1820x280x140    | 35          |
| 82331420606 | 42 |            |            | 2000                | 2000x280x140    | 36          |
| 82331470606 | 47 |            |            | 2222                | 2220x280x140    | 40          |

Note: To order the assembled rack, add "M" at the end of the code.

PDU

PDU

The barpa Power Distribution Unit is suitable for racks and/or networking equipment. It's designed to supply electric power in a very demanding and challenging environment

as in a data center. In our range we have horizontal (19" 1U) and vertical. All with aluminum frame.

• IEC/EN 60884-1 • EIA 310



SPECIFICATIONS

|                    |             |
|--------------------|-------------|
| Current Rating (A) | 10 - 16     |
| Voltage Rating (V) | 110 - 250   |
| Power Rating (W)   | 1800 - 3800 |
| Frequency (Hz)     | 50 - 60     |

LOGISTICS INFORMATION

| Type       | Width | Inner Box            |                 |               | Outer Box       |               |
|------------|-------|----------------------|-----------------|---------------|-----------------|---------------|
|            |       | Unit Dimensions (mm) | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| Horizontal | 10"   | 273x44,4x45,5        | 280x95x55       | 1             | 493x300x235     | 20            |
|            | 19"   | 438x44,4x45,5        | 505x95x55       |               | 520x400x290     |               |
| Vertical   | -     | 659x45,4x45,5        | 700x95x55       |               | 720x400x290     |               |
|            |       | 844x45,4x45,5        | 820x95x55       |               | 820x400x290     |               |



PDU

PDU

The barpa Power Distribution Unit is suitable for racks and/or networking equipment. It's designed to supply electric power in a very demanding and challenging environment as in a data center. In our range we have horizontal (19" 1U) and vertical. All with aluminum frame.

• IEC/EN 60884-1 • EIA 310



LOGISTIC INFORMATION

| Number of Sockets | Code        | Width | Type       | Control System            | Socket Type   | Plug Type |
|-------------------|-------------|-------|------------|---------------------------|---------------|-----------|
| 3                 | 82384031000 | 10"   | Horizontal | Switch                    | Schuko        | Schuko    |
|                   | 82381031141 |       |            | -                         | US (B)        | US (B)    |
|                   | 82381031101 |       |            | Switch                    |               |           |
| 6                 | 82381061000 | 19"   | Horizontal | Switch                    | Schuko        | Schuko    |
|                   | 82381061020 |       |            | Circuit Breaker           |               |           |
|                   | 82381061050 |       |            | Switch & Surge Protection |               |           |
|                   | 82381061100 |       |            | Switch                    | US (B)        | Schuko    |
|                   | 82381061200 |       |            |                           | UK            | Schuko    |
|                   | 82381061202 |       |            |                           | UK            | UK        |
|                   | 82381061300 |       |            |                           | French        | French    |
|                   | 82381061400 |       |            |                           | Italian       | Schuko    |
|                   | 82381061141 |       |            |                           | US (B)        | US (B)    |
|                   | 82381061101 |       |            |                           |               |           |
| 8                 | 82381081202 | -     | Vertical   | Switch                    | UK            | UK        |
|                   | 82381081000 |       |            | Switch                    | Schuko        | Schuko    |
|                   | 82381081040 | 19"   | Horizontal | -                         |               |           |
|                   | 82381081303 |       |            | Switch                    | French        | French    |
|                   | 82381081141 |       |            | -                         | US (B)        | US (B)    |
|                   | 82381081101 |       |            | Switch                    |               |           |
| 9                 | 82381091700 | 19"   | Horizontal | Switch                    | Schuko + 3IEC | Schuko    |
|                   | 82381091740 |       |            | -                         |               |           |
| 12                | 82381121505 | 19"   | Horizontal | Switch                    | IEC C13       | IEC C14   |
|                   | 82381122000 | -     | Vertical   | Switch                    | Schuko        | Schuko    |
|                   | 82381122101 | -     |            | Switch                    | US (B)        | US (B)    |
|                   | 82381122141 | -     |            | -                         |               |           |
| 16                | 82381162000 | -     | Vertical   | Switch                    | Schuko        | Schuko    |
|                   | 82381162141 | -     |            | -                         | US (B)        | US (B)    |
|                   | 82381162101 | -     |            | Switch                    |               |           |

ACCESSORIES

Cooling Fan

This barpa Cooling Fan is suitable for all range of cabinets. Perfect to adjust the inner temperature of the cabinet.



ACCESSORIES

1U Fan Unit

barpa 1U Fan Unit has 19" standard installation, making it perfect for barpa cabinets. Suitable to use in the middle or bottom of the cabinet, good to decrease the inner temperature.



LOGISTIC INFORMATION

| Box         |             |                  |                 |               |
|-------------|-------------|------------------|-----------------|---------------|
| Code        | Description | Unit Weight (kg) | Dimensions (mm) | Quantity (un) |
| 82390501010 | Fan         | 0.486            | 530x305x310     | 40            |

LOGISTIC INFORMATION

|             |          |        |                  | Inner Box       |               | Outer Box       |               |
|-------------|----------|--------|------------------|-----------------|---------------|-----------------|---------------|
| Code        | Fan (un) | Type   | Unit Weight (kg) | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 82390506210 | 2        | UK     | 3.5              | 510x205x65      | 1             | 650x530x180     | 10            |
| 82390506110 | 2        | Schuko | 3.5              |                 |               |                 |               |
| 82390507210 | 3        | UK     | 4.38             |                 |               |                 |               |
| 82390507110 | 3        | Schuko | 4.38             |                 |               |                 |               |
| 82390508210 | 4        | UK     | 5.25             |                 |               |                 |               |
| 82390508110 | 4        | Schuko | 5.25             |                 |               |                 |               |

ACCESSORIES

Fan Unit with  
Thermostat

barpa 1U Fan Unit has 19" standard installation, making it perfect for barpa cabinets. Suitable to use in the middle or bottom of the cabinet, good to decrease the inner temperature.



ACCESSORIES

Fan Unit

barpa Fan Unit has 19" standard installation, only appropriate for barpa cabinets. Enables ventilation and easy operation.



LOGISTIC INFORMATION

|             |          |        |                  | Inner Box       |               | Outer Box       |               |
|-------------|----------|--------|------------------|-----------------|---------------|-----------------|---------------|
| Code        | Fan (un) | Type   | Unit Weight (kg) | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 82390504210 | 2        | UK     | 2.4              | 395x295x75      | 1             | 645x405x305     | 10            |
| 82390504110 | 2        | Schuko | 2.4              |                 |               |                 |               |
| 82390505210 | 4        | UK     | 3.2              |                 |               |                 |               |
| 82390505110 | 4        | Schuko | 3.2              |                 |               |                 |               |

LOGISTIC INFORMATION

|             |          |        |                  | Inner Box       |               | Outer Box       |               |
|-------------|----------|--------|------------------|-----------------|---------------|-----------------|---------------|
| Code        | Fan (un) | Type   | Unit Weight (kg) | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 82390502210 | 2        | UK     | 2.5              | 395x295x65      | 1             | 645x405x305     | 10            |
| 82390502110 | 2        | Schuko | 2.5              |                 |               |                 |               |
| 82390503210 | 4        | UK     | 3.5              |                 |               |                 |               |
| 82390503110 | 4        | Schuko | 3.5              |                 |               |                 |               |

ACCESSORIES

Airflow for Crux 1

The airflow unit for crux 1 is installed at the top of the rack. Enables reliable ventilation and operation. Available with or without thermostat.



ACCESSORIES

Digital Temperature Unit

barpa Digital Temperature Unit has 19" standard installation. Helps to control the inner temperature of the cabinet. Easy cabling and operation.



LOGISTIC INFORMATION

| Code        | Thermostat | Inner Box        |                 |               | Outer Box       |               |
|-------------|------------|------------------|-----------------|---------------|-----------------|---------------|
|             |            | Unit Weight (kg) | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 82390509110 | No         | 1.5              | 360x140x60      | 1             | 370x325x305     | 10            |
| 82390510110 | Yes        | 1.8              | 395x200x60      | 1             | 410x410x495     | 10            |

LOGISTIC INFORMATION

| Code        | Input Connector   | Inner Box        |                 |               | Outer Box       |               |
|-------------|-------------------|------------------|-----------------|---------------|-----------------|---------------|
|             |                   | Unit Weight (kg) | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 82390601210 | UK (BS1363)       | 1.95             | 510x205x65      | 1             | 650x530x330     | 10            |
| 82390601110 | Schuko (DIN49441) |                  |                 |               |                 |               |
| 82390601310 | US (NEMA 5-15P)   |                  |                 |               |                 |               |

ACCESSORIES

Metal Cable  
Management with  
Cover - 1U



barpa 1U Metal Cable Management with Cover has 19" standard installation. It helps to have a better cable organization in the cabinet.

ACCESSORIES

Metal Cable  
Management - 1U



barpa 1U Metal Cable Management with 4 rings has 19" standard installation. It helps to have a better cable organization in the cabinet.

LOGISTIC INFORMATION

| Inner Box   |                  |                 |               | Outer Box       |               |
|-------------|------------------|-----------------|---------------|-----------------|---------------|
| Code        | Unit Weight (kg) | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 82390201110 | 0.85             | 510x65x105      | 1             | 570x520x495     | 50            |

LOGISTIC INFORMATION

| Inner Box   |                  |                 |               | Outer Box       |               |
|-------------|------------------|-----------------|---------------|-----------------|---------------|
| Code        | Unit Weight (kg) | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 82390202110 | 0.61             | 510x90x560      | 1             | 580x530x470     | 50            |

ACCESSORIES

Plastic Cable Management - 1U

barpa 1U Plastic Cable Management with 3 or 5 rings and 10" or 19" standard installation. It helps to have a better cable organization in the cabinet.



ACCESSORIES

Cable Management with Brush - 1U

barpa 1U Cable Management with Brush has 19" standard installation. It helps to have a better cable organization in the cabinet.



LOGISTIC INFORMATION

|             |                  |        | Inner Box       |               | Outer Box       |               |
|-------------|------------------|--------|-----------------|---------------|-----------------|---------------|
| Code        | Unit Weight (kg) | Height | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 82390203120 | 0.51             | 19"    | 510x90x560      | 1             | 580x530x470     | 50            |
| 82390205120 | 0.50             | 10"    | 510x90x560      | 1             | 580x530x470     | 50            |

LOGISTIC INFORMATION

|             |                  |                 |               | Outer Box       |               |
|-------------|------------------|-----------------|---------------|-----------------|---------------|
| Code        | Unit Weight (kg) | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 82390204100 | 0.30             | 510x70x40       | 1             | 520x230x300     | 50            |

ACCESSORIES

# Cable Management with Open Brush - 1U

The 19" open brush panel is an effective solution for better cable organization and management within the cabinet. Its open design allows more practical cable routing, helping to maintain a cleaner and more efficient environment.

• ANSI/EIA RS-310-D • IEC60297-2 • DIN41494 Part 1 and 7 • EIA 19-inch • Directive 2011/65/EU (RoHS)



SPECIFICATIONS

|            |                                  |
|------------|----------------------------------|
| Material   | SPCC Cold Rolled Steel and brush |
| Color      | Black (RAL 9005)                 |
| Dimensions | 483x44 mm                        |

LOGISTIC INFORMATION

| Inner Box   |                  |           |               | Carton      |               |
|-------------|------------------|-----------|---------------|-------------|---------------|
| Code        | Unit Weight (kg) | Size (mm) | Quantity (un) | Size (mm)   | Quantity (un) |
| 82390207100 | 0,242            | 500x50x25 | 1             | 510x290x390 | 77            |

ACCESSORIES

Brush Panel for  
Velcro Tape 1U

barpa 1U Brush Panel for Cable Management with Velcro Tape has 19" standard installation. It helps your cabinets have better organization of the cables.



ACCESSORIES

Blank Panel

barpa Blank Panel are part of the energy-saving airflow management solutions of data centers. They can minimize airflow in cabinet while providing good appearance.



LOGISTIC INFORMATION

| Code        | Unit Weight (kg) | Box    |
|-------------|------------------|--------|
| 82390206100 | 0,5              | 51x9x7 |

LOGISTIC INFORMATION

|             |   |        |                 |                  | Inner Box       |               | Outer Box       |               |
|-------------|---|--------|-----------------|------------------|-----------------|---------------|-----------------|---------------|
| Code        | U | Height | Dimensions (mm) | Unit Weight (kg) | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 82390241100 | 1 | 19"    | 482x44          | 0.50             | 510x65x30       | 2             | 520x300x230     | 100           |
| 82390241200 | 2 |        | 482x88          | 0.90             | 510x113x30      | 2             |                 | 60            |
| 82390241400 | 4 |        | 482x177         | 0.85             | 510x195x30      | 2             |                 | 30            |
| 82390251100 | 1 | 10"    | 254x44          | 0.28             | 510x65x30       | 1             |                 | 50            |

ACCESSORIES

Blank Panel Snap  
in Toolless



barpa Blank Panel Snap-In Toolless are part of the energy-saving airflow management solutions of data centers. They can minimize airflow in cabinet while providing good appearance. You don't need screws, it snaps in.

ACCESSORIES

Shelf without  
Holes - 2U



barpa 2U Shelves Without Holes have 19" standard installation and belongs to the range of barpa shelves. It has different purposes depending on your needs.

LOGISTIC INFORMATION

|             |             |                  | Inner Box       |               | Outer Box       |               |
|-------------|-------------|------------------|-----------------|---------------|-----------------|---------------|
| Code        | Length (mm) | Unit Weight (kg) | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 82390261100 | 1           | 0.2              | 500x45x20       | 1             | 520x300x230     | 50            |
| 82390261200 | 2           | 0.35             | 500x90x20       | 1             | 520x300x230     | 30            |

LOGISTIC INFORMATION

|                       |        |            |                  | Inner Box       |               | Outer Box       |               |
|-----------------------|--------|------------|------------------|-----------------|---------------|-----------------|---------------|
| Code                  | Height | Width (mm) | Unit Weight (kg) | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 82390111201           | 19"    | 254        | 1.5              | 530x130x275     | 2             | 680x545x295     | 10            |
| 82390111202*          | 19"    | 406.4      | 2.3              | 530x130x425     | 2             | 680x545x445     | 10            |
| 82390161112           | 10"    | 150        | 0.8              | 280x75x170      | 1             | 380x305x185     | 5             |
| * for Norma and Cetus |        |            |                  |                 |               |                 |               |

ACCESSORIES

Shelf with Holes - 2U

barpa 2U Shelf With Holes has 19" standard installation and belongs to the range of barpa shelves. It has different purposes depending on your needs.



ACCESSORIES

Fixed Shelf - 1U

barpa Fixed Shelves have 19" standard installation and it's only appropriate for barpa cabinets. It has different purposes depending on your needs.



LOGISTIC INFORMATION

|             |             |                  | Inner Box       |               | Outer Box       |               |
|-------------|-------------|------------------|-----------------|---------------|-----------------|---------------|
| Code        | Length (mm) | Unit Weight (kg) | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 82390171204 | 406.3       | 2                | 540x110x440     | 1             | 560x570x460     | 5             |

LOGISTIC INFORMATION

|             |                               |            | Inner Box       |               | Outer Box       |               |
|-------------|-------------------------------|------------|-----------------|---------------|-----------------|---------------|
| Code        | For Rack                      | Width (mm) | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 82390141106 | Crux 1 450mm                  | 300        | 510x55x315      | 2             | 550x290x340     | 5             |
| 82390141108 | Crux 1 600mm                  | 450        | 510x55x465      | 2             | 550x290x490     | 5             |
| 82390131107 | Cetus, Pyxis and Norma, 600mm | 350        | 510x55x365      | 2             | 550x290x390     | 5             |
| 82390131109 | Norma 800mm                   | 550        | 510x55x565      | 2             | 550x290x590     | 5             |
| 82390131111 | Norma 1000mm                  | 720        | 510x55x735      | 2             | 550x290x760     | 5             |
| 82390121109 | Cetus 800mm                   | 500        | 510x50x520      | 2             | 550x290x590     | 5             |
| 82390121111 | Cetus 1000mm                  | 700        | 510x50x720      | 2             | 550x290x760     | 5             |
| 82390121112 | Cetus and Norma 1200mm        | 900        | 510x50x920      | 2             | 550x290x940     | 5             |

ACCESSORIES

Sliding Shelf – 1U

barpa Sliding Shelves have 19" standard installation. It has different purposes depending on your needs.



ACCESSORIES

Lock

barpa Lock has a comfort handle and it's only appropriate for barpa cabinets. It helps securing your cabinet.



LOGISTIC INFORMATION

|             |                                  | Inner Box  |                 |               | Outer Box       |               |
|-------------|----------------------------------|------------|-----------------|---------------|-----------------|---------------|
| Code        | For Rack                         | Width (mm) | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 82390151107 | Cetus 1 and Norma 600-800mm Rack | 350        | 560x60x390      | 1             | 640x580x410     | 10            |
| 82390151109 | Cetus 1 and Norma 1000mm Rack    | 550        | 560x60x820      | 1             | 640x580x650     | 10            |
| 82390151112 | Cetus 1 and Norma 1200mm Rack    | 550        | 565x60x820      | 1             | 640x580x860     | 10            |

LOGISTIC INFORMATION

|             |                  | Inner Box       |               | Outer Box       |               |
|-------------|------------------|-----------------|---------------|-----------------|---------------|
| Code        | Unit Weight (kg) | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 82390703100 | 0.43             | 180x50x48       | 1             | 570x230x180     | 36            |

ACCESSORIES

Password Lock

barpa Password Lock is a special lock for barpa cabinets. You can open your cabinet with lock or password.



ACCESSORIES

Side and Front Door Lock

barpa Side and Front Door Locks are only appropriate for barpa cabinets. It helps securing your cabinet.



LOGISTIC INFORMATION

| Inner Box   |                  |                 |               | Outer Box       |               |
|-------------|------------------|-----------------|---------------|-----------------|---------------|
| Code        | Unit Weight (kg) | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 82390704100 | 0.64             | 180x50x48       | 1             | 570x230x180     | 36            |

LOGISTIC INFORMATION

| Inner Box   |                 |                  |                 |               | Outer Box       |               |
|-------------|-----------------|------------------|-----------------|---------------|-----------------|---------------|
| Code        | Description     | Unit Weight (kg) | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 82390702000 | Side Lock       | 0.094            | 180x50x48       | 2             | 570x230x180     | 72            |
| 82390701000 | Front Door Lock |                  |                 |               |                 |               |

ACCESSORIES

Casters

barpa Casters it's suitable for barpa cabinets. It helps moving your cabinet.



ACCESSORIES

Drawer

barpa Drawers are appropriate for barpa cabinets. You can keep in your cabinet whatever you want in a secure way. Sliding shelf can extend up to 450mm.



LOGISTIC INFORMATION

|             |                         | Inner Box       |               | Outer Box       |               |
|-------------|-------------------------|-----------------|---------------|-----------------|---------------|
| Code        | Description             | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 82390801010 | Casters 2"              | 180x160x70      | 4             | 360x360x140     | 32            |
| 82390801020 | Casters 2.5"            |                 |               |                 |               |
| 82390801030 | Casters 3"              |                 |               |                 |               |
| 82390802010 | Casters with brake 2"   |                 |               |                 |               |
| 82390802020 | Casters with brake 2.5" |                 |               |                 |               |
| 82390802030 | Casters with brake 3"   |                 |               |                 |               |

LOGISTIC INFORMATION

|             |             | Inner Box        |                 |               |
|-------------|-------------|------------------|-----------------|---------------|
| Code        | Description | Unit Weight (kg) | Dimensions (mm) | Quantity (un) |
| 82390301100 | Drawer 2U   | 8.25             | 570x550x200     | 1             |
| 82390302100 | Drawer 3U   | 9.7              | 560x540x195     | 1             |

ACCESSORIES

Plinth

barpa Plinth it’s only suitable for barpa cabinets. It helps your cabinet to have more stability and and to be better looking.



LOGISTIC INFORMATION

| Inner Box   |                             |                  |                 |               |
|-------------|-----------------------------|------------------|-----------------|---------------|
| Code        | Description                 | Unit Weight (kg) | Dimensions (mm) | Quantity (un) |
| 82391001166 | Plinth for Norma 600x600mm  | 5.5              | 620x620x120     | 1             |
| 82391001168 | Plinth for Norma 600x800mm  | 6.0              | 820x620x120     | 1             |
| 82391001161 | Plinth for Norma 600x1000m  | 6.5              | 1020x620x120    | 1             |
| 82391001188 | Plinth for Norma 800x800mm  | 7.0              | 620x820x120     | 1             |
| 82391001181 | Plinth for Norma 800x1000mm | 7.5              | 820x1020x120    | 1             |
| 82391001182 | Plinth for Norma 800x1200mm | 9.0              | 820x1220x120    | 1             |
| 82391002166 | Plinth for Cetus 600x600mm  | 6.0              | 620x620x120     | 1             |
| 82391002168 | Plinth for Cetus 600x800mm  | 6.5              | 620x820x120     | 1             |
| 82391002161 | Plinth for Cetus 600x1000mm | 7.0              | 620x1020x120    | 1             |
| 82391002162 | Plinth for Cetus 600x1200mm | 7.5              | 620x1220x120    | 1             |
| 82391002188 | Plinth for Cetus 800x800mm  | 8.0              | 820x820x120     | 1             |
| 82391002181 | Plinth for Cetus 800x1000mm | 8.5              | 820x1020x120    | 1             |
| 82391002182 | Plinth for Cetus 800x1200mm | 9.0              | 820x1220x120    | 1             |

ACCESSORIES

Screws

barpa Screws and Nuts are appropriate for barpa cabinets. Helps you mount the cabinets and accessories.



ACCESSORIES

PDU Cable Management

barpa PDU Cable Management Panels are appropriate for barpa cabinets. Its main use is to install vertical PDU, but you can use it for other purposes.



LOGISTIC INFORMATION

|             |                    |                  | Inner Box       |               | Outer Box       |               |
|-------------|--------------------|------------------|-----------------|---------------|-----------------|---------------|
| Code        | Description        | Unit Weight (kg) | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 82391102000 | Screws and Nets M6 | 0.39             | 100x100         | 50            | 340x340x120     | 2500          |
| 82391103000 | Cushion M6         | 0.01             |                 |               |                 |               |

LOGISTIC INFORMATION

|             |               |                  | Inner Box       |               |
|-------------|---------------|------------------|-----------------|---------------|
| Code        | Description   | Unit Weight (kg) | Dimensions (mm) | Quantity (un) |
| 82391201242 | For Cetus 42U | 1.3              | 1970x180x40     | 2             |
| 82391201247 | For Cetus 47U | 1.6              | 2190x180x40     |               |
| 82391201133 | For Norma 33U | 2.0              | 1570x180x40     |               |
| 82391201138 | For Norma 38U | 2.3              | 1790x180x40     |               |
| 82391201142 | For Norma 42U | 2.5              | 1970x180x40     |               |
| 82391201147 | For Norma 47U | 2.8              | 2190x180x40     |               |

ACCESSORIES

Connection Kit

barpa connection kit for Norma or Cetus cabinet was created to give you a better management of your network datacenter.



ACCESSORIES

Vertical Cable Management

The organizers were designed specifically for barpa racks. Its function is for better cable organization.



LOGISTIC INFORMATION

| Code        | Description | Inner Box       |               | Outer Box       |               |
|-------------|-------------|-----------------|---------------|-----------------|---------------|
|             |             | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 82391104002 | For Cetus   | 180x50x48       | 4             | 570x230x180     | 144           |
| 82391104001 | For Norma   |                 |               |                 |               |

LOGISTIC INFORMATION

| Code        | Description   | Unit Weight (kg) | Outer Box       |               |
|-------------|---------------|------------------|-----------------|---------------|
|             |               |                  | Dimensions (mm) | Quantity (un) |
| 82391313810 | For Norma 38U | 4.5              | 1650x130x110    | 1             |
| 82391314210 | For Norma 42U | 5.0              | 1830x130x110    | 1             |
| 82391314710 | For Norma 47U | 5.5              | 2100x130x110    | 1             |
| 82391324210 | For Cetus 42U | 5.0              | 1830x130x110    | 1             |
| 82391324710 | For Cetus 47U | 5.5              | 2100x130x110    | 1             |

ACCESSORIES

Brush Panel  
for Norma

The Norma Brush Panel is suitable for a better organization in your rack.



ACCESSORIES

Adjustable Feet

This barpa Adjustable Feet is suitable for all range of floor cabinets. The static load capacity is 250kg per unit.



LOGISTIC INFORMATION

|             |                  | Inner Box       |               | Outer Box       |               |
|-------------|------------------|-----------------|---------------|-----------------|---------------|
| Code        | Unit Weight (kg) | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 82390205100 | 0.75             | 510x113x30      | 2             | 520x300x230     | 60            |

LOGISTIC INFORMATION

|             |                  |                 | Saco          | Outer Box       |               |
|-------------|------------------|-----------------|---------------|-----------------|---------------|
| Code        | Unit Weight (kg) | Dimensions (mm) | Quantity (un) | Dimensions (mm) | Quantity (un) |
| 82390901100 | 0.13             | 150x150         | 4             | 340x340x140     | 120           |

ACCESSORIES

Coaxial Patch Panel

Empty Patch Panel of 1U for coaxial distribution block or conectors BNC or F.



LOGISTIC INFORMATION

| Code        | Unit Weight (kg) | Box Dimension (mm) | Quantity (un) |
|-------------|------------------|--------------------|---------------|
| 82230701118 | 0.3              | 510x90x70          | 1             |

