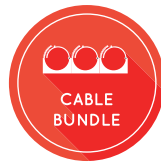




PRODUCT DESCRIPTION

- The barpa Category 6A STP (Screened Twisted Pair) jack belongs to the barpa cabling system. This jack as an unique and simple design thought to be easy for termination but always thinking about excellent electrical performance. Manufactured and tested to the latest Category 6 specifications defined in the International standards. Support all applications up to 500Mhz. Cable bundle is one of the special physical characteristics, it promotes quick installation, fast termination. It's up to you to try it.



STANDARD CONFORMITY

IEC 60603-7-4; IEC 60512-26-100; ISO/IEC 11801 ed.2.2; EN50173-1; ANSI/TIA 568-B.2-1

FEATURES

Compatibility with CAT6A and lower classes

Quick termination - tool free, less preparation, less labour time

25 Years System Warranty

Suitable for patch panel and faceplate mounting

Incorporated cable bundle

10 Gigabit Ethernet

PHYSICAL CHARACTERISTICS

| | |
|-----------------|------------------------------|
| Shield Material | Zinc Alloy |
| IDC Material | PC UL94V0 |
| Terminal | Phosphor Bronze, Tin Plating |
| Color | Silver |
| Orientation | 180° |

ENVIRONMENTAL CONDITIONS

| | |
|----------------------------|-----------|
| Operating Temperature (°C) | -10 to 60 |
| Storage Temperature (°C) | -40 to 70 |

ELECTRICAL CHARACTERISTICS

| | |
|--|-------------|
| Frequency Range (MHz) | 1-500 |
| Contact Resistance (mΩ Max) | 200 |
| Insulation Resistance (MΩ Min 500V DC) | 500 |
| Dielectric Strength (V RMS 60Hz/1min) | 1.000 |
| Rated Current (A) | Maximum 1.5 |
| Return Loss (dB) | 5.8 |
| Next (dB) | 4.7 |
| PSNext (dB) | 5.5 |

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 More information: info@barpa.eu or in www.barpa.eu



CAT6A SHIELDED SILVER TOOLLESS

• MECHANICAL SPECIFICATION

| | |
|-------------------------------|--|
| Wiring | T568A/B |
| IDC Contacts - Solid Cable | Accept 22-24 AWG solid with a insulation diameter of 0.55-0.45 mm |
| IDC Contacts - Stranded Cable | Accept 22-26 AWG stranded with a insulation diameter of 0.76-0.48 mm |
| Insertion Life | 750 times plugging |
| Plug Inforce (N) | < 30 |
| Cable OD (mm) | 5.0 - 8.5 |
| IDC Life | 250 times terminating |
| Contact | Phosphor bronze with 4-6 μ " gold plating |

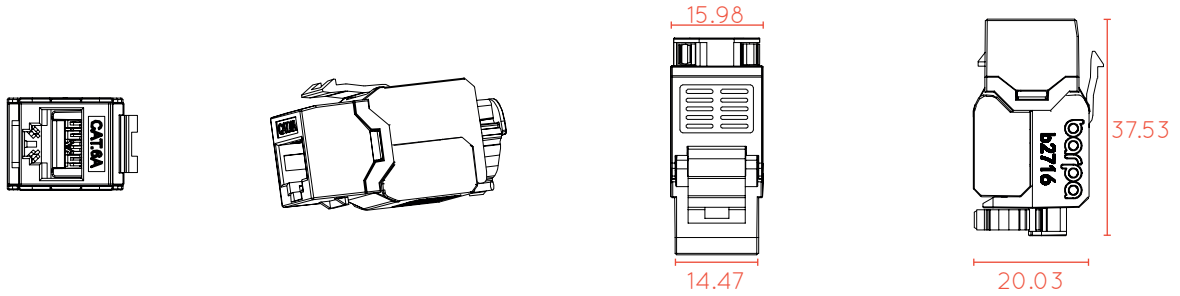
• TECHNICAL PERFORMANCE

| Frequency (MHz) | Next Limit (min. Typical) | PS Next Limit (min. Typical) | ACR Limit (min. Typical) | RL Limit (min. Typical) |
|-----------------|---------------------------|------------------------------|--------------------------|-------------------------|
| 1 | 0.4 | 83.3 | 79.8 | 25.0 |
| 4 | 0.8 | 73.6 | 71.6 | 39.0 |
| 8 | 1.1 | 73.0 | 71.6 | 32.5 |
| 10 | 1.2 | 67.9 | 65.2 | 29.1 |
| 16 | 1.6 | 63.3 | 60.7 | 34.9 |
| 20 | 1.8 | 68.3 | 65.5 | 27.8 |
| 25 | 2.0 | 66.6 | 64.2 | 27.6 |
| 31.25 | 2.2 | 64.7 | 62.0 | 31.6 |
| 62.5 | 3.2 | 53.0 | 50.2 | 26.8 |
| 100 | 4.1 | 52.9 | 50.6 | 28.3 |
| 200 | 5.9 | 43.1 | 42.4 | 20.9 |
| 250 | 6.8 | 43.1 | 40.6 | 14.9 |
| 350 | 8.4 | 36.6 | 35.4 | 16.4 |
| 500 | 10.7 | 32.5 | 30.7 | 14.9 |

• ORDER INFORMATION

| Code | Description | Unit Weight (kg) | Polybag | | Inner Box | | Carton | | EAN Code |
|-------------|--------------------------------|------------------|-------------|---------------|------------|---------------|-------------|---------------|---------------|
| | | | Size (mm) | Quantity (un) | Size (mm) | Quantity (un) | Size (mm) | Quantity (un) | |
| 82243222180 | Cat6A Shielded Silver Toolless | 0.025 | 122x78x0.12 | 1 | 275x160x70 | 50 | 345x290x400 | 500 | 5608445005045 |

TECHNICAL DRAWING (mm)



As part of our goal to achieve quality excellence, our barpa System Warranty can give you 25 years products and solution assurance of compliance with the industry performance standard comparing with the class installed. This warranty applies to network infrastructure installations that was made by an approved barpa partner using an barpa solution (end-to-end). For more informations go to our website.