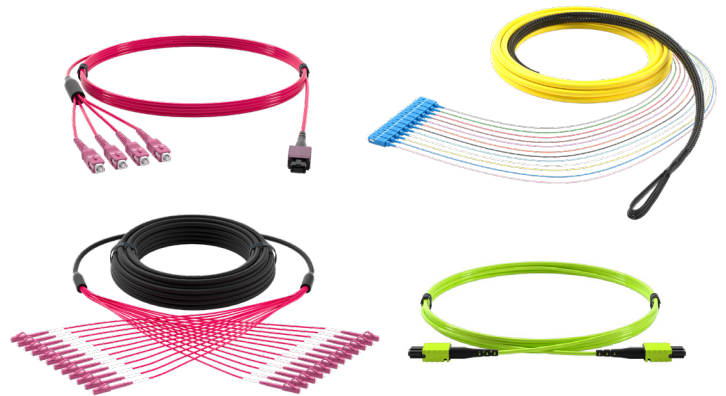




HIGGS PRE-TERMINATED FIBER TRUNK CABLE

DESCRIPTION

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.



STANDARDS

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



FEATURES

Cables terminated and tested in factory
100% tested for insertion loss and return loss
Available in Indoor, Indoor/Outdoor or Outdoor cables , dielectric or armored, with different CPR levels, depending on the application
Different fiber types include OS2, OM2, OM3, OM4 or OM5
Custom configurations: measures, type of connectors, number of fibers, staggered or not, type of pulling eye, etc.
Available with 0,9mm, 2mm or 3mm staggered or straight fan-out tails
All trunk cables are provided with a serial number
Reduce time, material costs and waste
Reduce specialised site based equipment and training
Simple Installations, Plug N'Play
Country of Origin: Portugal

DESIGN CONSIDERATIONS

Standard fanout length is 0,8m; other lenghts upon request
Total trunk length is from connector to connector
Pulling eye can be selected, on one end or both
For MPO standard polarity is Method B
The MPO connector is MTP®PRO from US Conec. Has advantages like field pin and polarity change with tool

CONSTRUCTION

Fiber count	2, 4, 6, 8, 12 and 24 (more upon request)
Fiber Types	OS2, OM2, OM3, OM4, OM5
Cable Jacket	PE, LSZH, LSZH CPR Eca, LSZH CPR Dca, LSZH CPR Cca, LSZH CPR B2ca
Conector options	LC, LC/APC, LC Uniboot, SC, SC/APC, MTP®, MTP®/APC

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

PLEASE CLICK ON LINK TO FIND THE DATASHEET OF THE CABLES TO SELECT

Type	Fiber coating	Link	Usage
Distribution Tight Buffer	900µm	https://barpa.eu/products/tight-buffer-distribution/	Indoor/Outdoor
Unitube PE Loose Tube	250µm	https://barpa.eu/products/unitube-with-glass-yarn-pe/	Outdoor
Unitube LSZH Loose Tube	250µm	https://barpa.eu/products/unitube-with-glass-yarns-lszh/	Indoor/Outdoor
Drop Tight Buffer	900µm	https://barpa.eu/products/drop_cable_fttx/	Indoor
Cable for MPO Loose Tube	250µm	https://barpa.eu/products/20mm-data-center-cable-for-mpo-patch-cord/	Indoor
Unitube PE with Corrugated Steel PE	250µm	https://barpa.eu/products/unitube-with-corrugated-steel-pe/	Outdoor
Unitube PE with Corrugated Steel LSZH	250µm	https://barpa.eu/products/unitube-with-corrugated-steel-lszh/	Indoor/Outdoor
General Fiber Optic Specifications	-	https://barpa.eu/products/general_specifications/	

MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS OF CONECTORS

Connector Durability	>500 Matings
Installation Temperature (°C)	-20 to 70
Storage Temperature (°C)	-40 to 85

OPTICAL PROPERTIES

LC and SC	SM (dB)	MM (dB)
Insertion Loss - Max	≤0,25	≤0,3
Insertion Loss - Typical	≤0,15	≤0,2
Return Loss	≥60	≥35

MPO	SM (dB)	MM (dB)
Insertion Loss - Max	≤0,35	≤0,35
Insertion Loss - Typical	≤0,30	≤0,25
Return Loss	≥45	≥25

TECHNICAL DRAWING

A	The total length is measured from the tip of the ferrule to the tip of the ferrule with covers. Tolerance of ±2%.
B	Fanout lenght - 0,8m (standard)
C	Cable length - defined by the customer

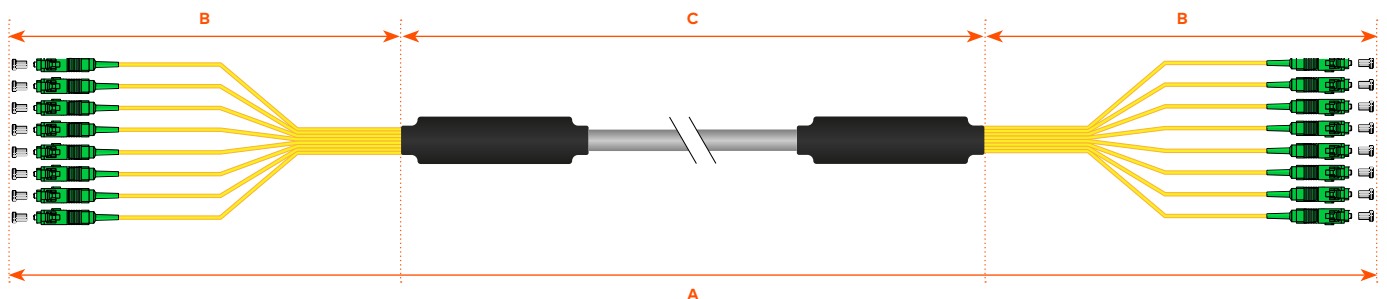


CHART FOR ORDER INFORMATION

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	3 mm	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			For more fibers please contact our team	MTP® PRO Male	MTP® PRO Male				
	MTP® PRO APC Female			MTP® PRO APC Female					
	MTP® PRO APC Male	MTP® PRO APC Male							
				None					

For assistance customizing the cable, please contact tech support

MTP® PRO from US Conec



This product is developed and produced in Europe.



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.