



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
All connectors are heat cured and use ceramic ferrules
Different fiber types include OS2, OM2, OM3 or OM4
Custom configurations: measures, type of connectors, number of fibers, staggered or not, type of pulling eye, etc.
Available with 0,9mm or 2mm 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 fantout length is 0,8m; other lengths upon request
Total trunk length is from connector to connector
Pulling eye can be selected, on one end or both
The maximum diameter of IP68 Pulling Eye is 4cm
Standard polarity is A to A for LC and SC connector types; for MTP, standard polarity is Method A or B
The MPO connector is MTP® PRO from US Conec. Has advantages like field pin and polarity change with tool

CONSTRUCTION

Fiber count	Available in several number of fibers (2,4,6,8,12,24) and more upon request
Fiber Types	OS2, OM2, OM3, and OM4
Cable Jacket	PE, LSZH, LSZH CPR Eca, LSZH CPR Dca, LSZH CPR Cca
Connector options	LC, LC/APC, SC, SC/APC, MTP, MTP/APC, more upon request

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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

MTP	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

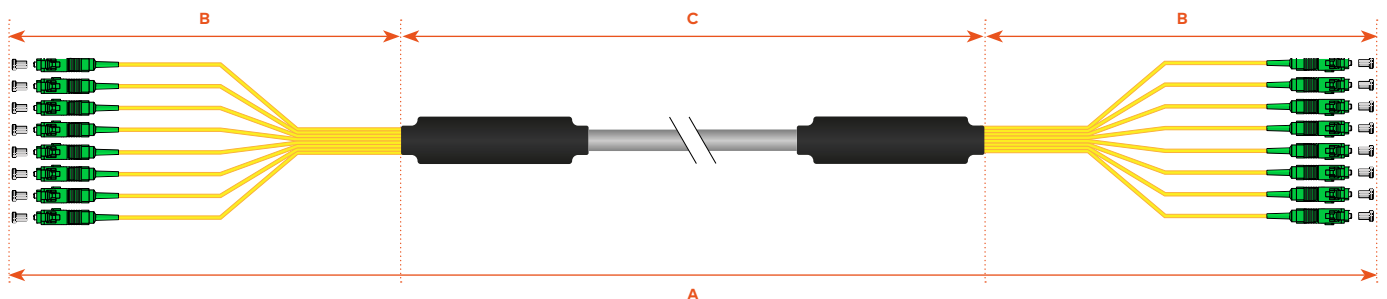


CHART FOR ORDER INFORMATION

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		None		
OM2	Drop Tight Buffer		8	LC/APC	LC/APC				
OM3	Cable for MPO Loose Tube		12	MTP® PRO Female	MTP® PRO Female				
OM4			24	MTP® PRO Male	MTP® PRO Male				
			For more fibers please contact our team	MTP® PRO APC Female	MTP® PRO APC Female				
				MTP® PRO APC Male	MTP® PRO APC Male				
					None				

For assistance customizing the cable you need, 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.