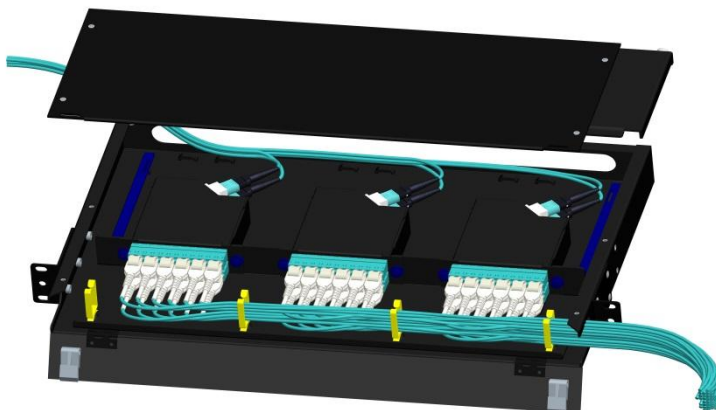
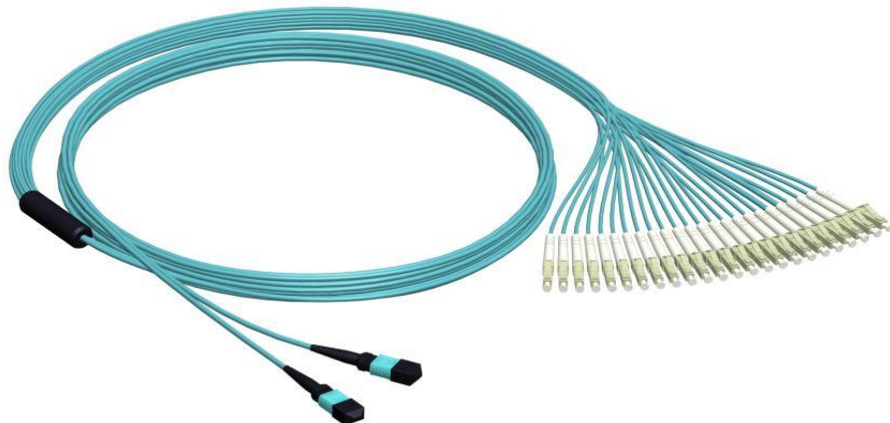




MPO / MTP Harness Cable



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Overview

The fiber system has a higher and higher demand on fiber optic connectors with the changes from single mode fiber to multimode fiber, from 10G to 40G, 100G. Ethernet transmission of 40G and 100G also becomes the developing trend in data center cabling system. Traditional connectors are more and more difficult to achieve Multi-Fiber and High-performance. According to the International standard, high density MPO/MTP connector has been a standard port in the Ethernet transmission of 40G and 100G.

We develop a high density MTP/MPO cabling solution with its constant innovation in the field. The MTP/MPO is a standard mini, high-density connector, equipped with Multi-core ribbon fiber, which makes the connection stable and reliable. The connection and testing of high density connector with ribbon cable are finished in factory, so that it can be plugged and played with the equipments on site directly, and support the rapid deployment at users' data center, which makes MTP/MPO cabling system become an ideal solution with the growing demands one high-capacity cabling data center, simple installation, fast construction, compact design, high precision, plugs and play, etc.

Product Features

- MPO / MTP on one end, with single-fiber connectors on another end
- MPO / MTP in 12 or 24-fiber interface for choices
- Fiber counts available in 8/12-fibers
- Single-fiber connector interface available in SC, ST, LC, etc. ,in forms of Simplex or Duplex channeling
- Customized furcation length to cater for different installation situations
- Ruggedized fanout: Round fanout unit with 2.0mm legs to single-fiber connectors
- Corning fiber available for selection

Application

- For installation in horizontal patch extension from consolidation point to the workstation outlets
- High Density Fiber Management
- DACS
- LAN/WAN Premises



Technical Parameter

MTP / MPO Termination						
Type	Single mode (APC polish)		Single mode (PC polish)		Multi mode (PC polish)	
Fiber count	4, 8, 12, 24 etc.		4, 8, 12, 24 etc.		4, 8, 12, 24 etc.	
Fiber type	G652D、G657A1 etc.		G652D、G657A1 etc.		OM1、OM2、OM3 etc.	
Maximum Insertion Loss	Elite Low Loss	Standard	Elite Low Loss	Standard	Elite Low Loss	Standard
	≤0.35 dB	≤0.70 dB	≤0.35 dB	≤0.70 dB	≤0.35dB	≤0.50dB
Return Loss	≥55 dB		≥45 dB		≥20 dB	
Durability	≥200 times		≥200 times		≥200 times	
Operating Temperature	-40℃ ~ +80℃		-40℃ ~ +80℃		-40℃ ~ +80℃	
Test Wavelength	1310nm		1310nm		850nm	
Generic Connector Termination						
Type	Single mode			Multi mode		
Fiber type	G652D、G657A1 etc			OM1、OM2、OM3 etc.		
Maximum Insertion Loss	≤0.30 dB		≤0.30 dB		≤0.30dB	
	0.2 dB		0.2 dB		0.2 dB	
Typical Insertion Loss	0.2 dB		0.2 dB		0.2 dB	
Return Loss	≥50 dB		≥55 dB		≥25 dB	
Durability	≥500 times			≥500 times		
Operating Temperature	-40℃ ~ +80℃			-40℃ ~ +80℃		
Test Wavelength	1310nm			850nm		

Important Notice

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