

MPO/MTP Patch Cord

Description

MPO/MTP fiber optic patch cord is to add fiber optic connectors at both ends of a fiber optic cable. Realize the active connection between optical network equipment and equipment, equipment, and fiber optic patch cord. Simple, convenient, and fast operation, it is one of the indispensable passive products for optical network construction.

TAKFLY can provide a full range of MPO/MTP patch cords, whose transmission mode, cable type and connector type can be matched freely. Moreover, they're featured with advantages of stable transmission, high reliability and customization etc. and widely applicable in optical network scenario such as backbone network, optical cabling and data centers etc..

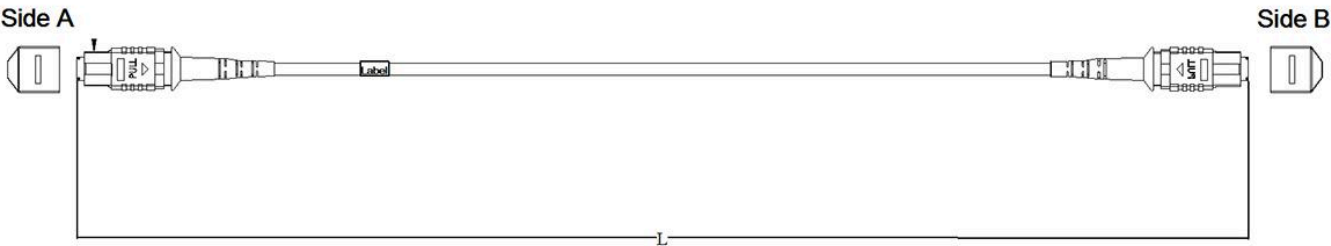


Application

- Data center
- Backbone Network
- ODF

Features

- ◆ Low insertion loss
- ◆ High repeatability and high stability
- ◆ MPO/MTP polarity can be arbitrarily matched
- ◆ Fiber Type: OS2/OM3/OM4/OM5
- ◆ Fiber Count: 4/8/12/24 core
- ◆ Cable Type: Bare fiber/Flat/Round



Parameter

Item		Parameter			
MPO/MTP Connector		Standard SM	Low Loss(Elite) SM	Standard MM	Low Loss MM
Insertion Loss	Typical	0.35dB	0.20dB	0.35dB	0.20dB
	Maximum	0.75dB	0.35dB	0.60dB	0.35dB
Return Loss		≥60 for APC (8 Angle Polish)		≥20 for PC	
		≥50 for PC		--	
Male/Female		Male: With Pins, Female: Without Pins			
Tensile Strength		≤0.3 (Max 66N)			
Vibration		≤0.3 (10 ~ 55Hz)			
Thermal Cycle		≤0.3 (-40 ~ 75℃, 21Cycles)			