

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..

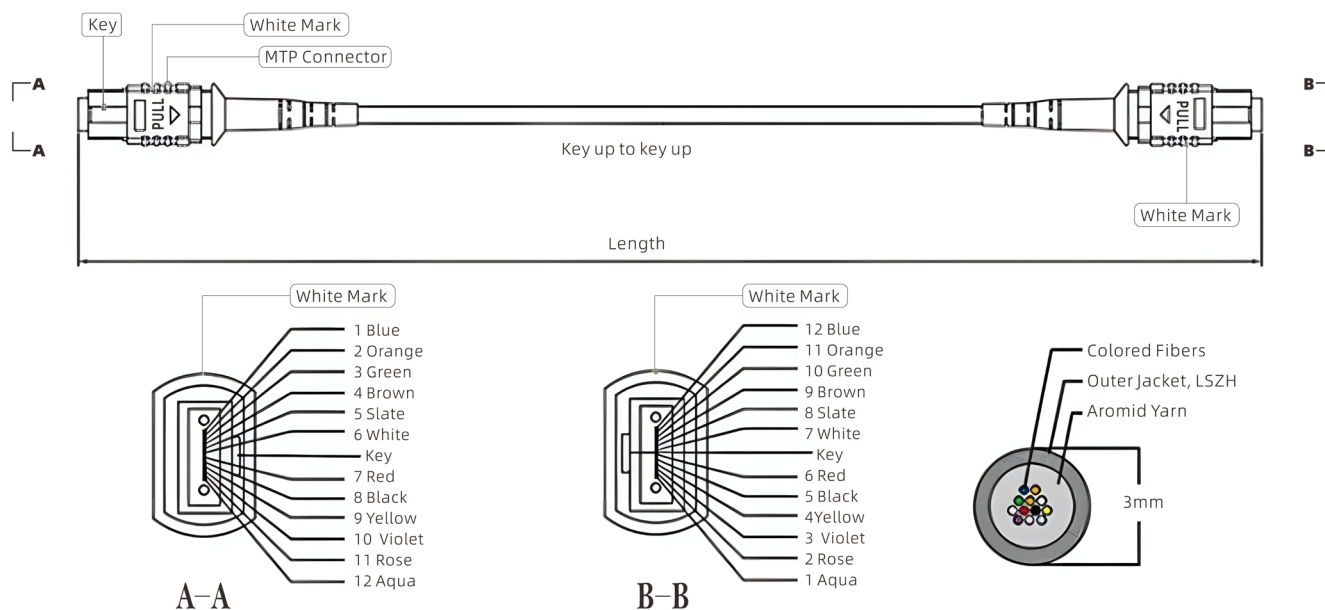


Application

- Asynchronous Transmission Mode(ATM)
- Gigabit Ethernet
- Active Devised/Transceiver Interface
- CATV, Video and Multimedia
- Premise Installations
- Telecommunication Networks
- Parallel optical interconnect between PC Cards and patch panels
- Interconnection for O/E modules
- Industrial & Military
- Optical Switch interframe connections

Features

- ◆ Precision molded MT ferrule
- ◆ High precision guide pins for exact alignment
- ◆ Compact design, up to 4,8,12,16, 24 fibers
- ◆ IEC 61754-7 Compliant
- ◆ EIA/TIA-604-5 Compliant



Parameter

Item	LC、SC、ST、FC...	MPO/MTP	
End face type	PC、UPC and APC	PC and APC	
Fiber type	SM (G652、G655、G657); MM (OM1-OM5)		
Core number	12、16、24		
Cable Diameter	0.9、2.0、3.0	Mini Round cable: Max4.5mm; Ribbon cable: Max3.0*5.0mm	
Insertion loss (dB)	≤ 0.3	Standard: ≤0.35/0.7(Typical/Max) Low Loss: ≤0.2/0.35(Typical/Max)	
Return loss (Min)	UPC SM: 50dB APC SM: 60dB PC MM: 25dB	SM APC60dB	MM PC: 20dB
Test Wavelength (nm)	SM: 1310/1550 MM: 850/1300		
Repeatability	≤ 0.1dB		
Durability	≤ 0.2dB		
Interchangeability	≤ 0.2dB		
Operating Temperature	-20℃~ 70℃		
Storage Temperature	-40℃~ 80℃		
Outer Sheath Material	PVC、LSZH		
Bending radius (Static/Dynamic)	10D/20D		
Length	Customized		