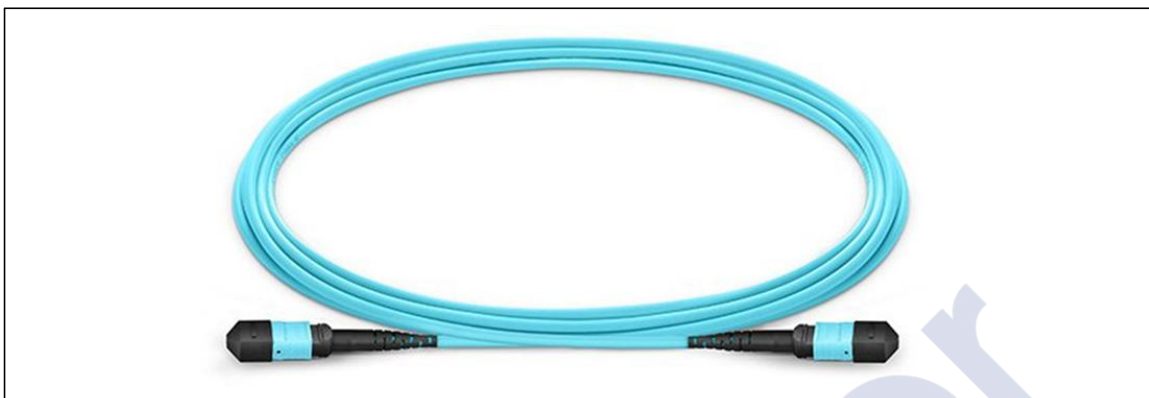# MPO/MTP Fiber Optic Patchcord

Product Drawing

Product Description

MPO/MTP (Multi fiber Push On/Multi fiber Termination Push on) patch cords are a high-density, multi-core fiber optic connection solution. This product adopts an MPO/MTP connector system, providing efficient and reliable fiber optic connections for applications such as data centers, Fiber to Home (FTTH), broadband access, and telecommunications infrastructure. The design of MPO/MTP patch cord is aimed at meeting the requirements of modern networks for high bandwidth and high-density connections.

Product features

● Efficient transmission: MPO/MTP patchcord adopt a multi-core design, which can simultaneously transmit multiple signals, improving data transmission efficiency and bandwidth utilization.

● Space saving: The high-density connection design allows MPO/MTP patchcord to provide more fiber optic connections in limited space, effectively saving wiring space and costs.

● Flexible Expansion: MPO/MTP patchcord support multiple fiber types and connector standards, making it convenient for users to flexibly expand and upgrade according to their actual needs.

● Easy to manage: With standard connector and interface design, MPO/MTP patchcord are easy to manage and maintain, reducing operational costs.

Application

FTTB,40G/100G SFP,SFP+,QSFP.

Technical Specifications

Product Parameters

Project		Technical indicators			
Product name		MPO/MTP Fiber Optic Patchcord			
Parameter		Unit	SM Standard	SM Lowloss	MM Standard	MM Lowloss
Insertion Loss	Typ	dB	0.35	0.2	0.35	0.2
	Max		0.75	0.35	0.65	0.35
Reture Loss		dB	APC≥50	/	≥25	≥35
			PC≥40			

Repeatability	dB	≤0.1	
Interchangeability	dB	≤0.3(Connector Randomly)	
Durability	dB	≤0.3(change 500matings)	≤0.3(change 1000matings)
Vibration	dB	≤0.3(10~55Hz)	
Fiber Type	SM9/125,MM50/125,MM62.5/125,OM3,OM4		