



#### Description

The MTP/MPO is a multi-fiber patch cord suitable for high-density back plane and Printed Circuit Board (PCB) solutions in data and telecom systems. Used in transmitters and receivers, this connector offers up to 12 times the density of standard connectors, providing significant space and cost savings. Precision molded MT ferrules, together with metal guide pins and precise housing dimensions ensure fiber alignment when mating. Mass termination in combinations of 4, 8, or 12 fiber ribbon cables are available. Singlemode versions are offered with premium low-loss or standard and multimode versions are also available. Cable types include bare fiber ribbon and ruggedized ribbon (PVC jacketed). Push-pull latching mechanism with audible click ensures proper connection.

#### Application

- Telecommunication
- CATV
- LAN & WAN
- Network
- Broadband
- FTTP.

#### Features

- Push-On/Pull-Off latching connector
- Either 4, 8, 12&24 fibers available
- Bare fiber ribbon type, ruggedized type and fan-out cord available
- Precision guide pin assures fiber alignment at mating
- Meet IEC61754-7, TIA, FOCIS 5/6/4-S, belcore GR-1435 requirements
- High density and economical solution for mass termination fiber

#### Parameter

Item	Parameter					
	Grade.G			Grade.P		
	SM		MM	SM		MM
UPC	APC	UPC		APC		
Insertion Loss (each channel)	≤0.75dB	≤0.75dB	≤0.5dB	≤0.3dB	≤0.3dB	≤0.3dB
Return Loss (each channel)	≥40dB	≥55dB	/	≥40dB	≥55dB	/
Durability	Customize					
Operating Temperature	0.3dB Max. Increase -20°C~+70°C					
Storage Temperature	-20°C~+70°C					

#### Appearance & Dimension

