

## MPO/MTP Fiber Optic Patch Cord



### Product Description

MTP/MPO patch cords are generally used to support parallel optical communications and are available as either 12 or 24 fibre configurations. Due to transmission equipment containing male MTP/MPO ports, the MTP/MPO patch cords contain a female MTP/MPO connector at the transmission equipment end to ensure correct mating. The opposite end can be provided with either female or male MTP/MPO connectors, depending on the connectivity method. 0.35dB IL, MPO Female to MPO Female connector and 3.0mm bunch cable is designed for 40G/100G direct connection and high-density data center applications.

### Features:

- MPO/MTP Interface - MPO/MTP components feature superior optical and mechanical properties
- Optimised Performance - Low loss MPO/MTP Elite, discrete Premium (LC.SC mainly) connectors and OM4 fibre assures low insertion losses and power penalties in tight power, budget high speed network environment
- High Density - Multifibre connector and compact dimension of ruggedised MicroCable ease space in costly data centre environments
- Rapid Deployment - Factory terminated modular system saves installation and reconfiguration time during moves, adds and changes
- Reliability - 100% tested - Combination of high quality components and manufacturing quality control guarantees product to the highest standard
- Next Generation Network Proof - Emerging high speed protocol are going to use MPO/MTP interface

### Application:

- Data communication network
- Optical System Access network
- Storage area networking fiber channel
- High density architectures

### Specification

Connector A	MPO/MTP Female	Connector B	MPO/MTP Female
Fiber Mode	G652D, G.657A1, OM3, OM4, OM5 option	Wavelength	850/1310 nm
Typical Insertion Loss(Elite)	≤ 0.35 dB	Typical Insertion Loss	≤ 0.70 dB
Max Insertion Loss(Elite)	≤ 0.75 dB	Durability(500 Mating Times)	ΔIL ≤ 0.75 dB
Cable Jacket	LSZH or PVC	Fiber Count	8, 12, 24 fiber
Cable Type	Round cable & Ribbon cable	Jacket OD	3.0mm & 2.0mm * 5.0mm
Operating Temperature	-40°C to 80°C	Storage Temperature	-40°C to 85°C