



NEX1 Technologies Co., Ltd

### Products Overview

The MTP/MPO connectors are manufactured specifically for multi-fiber ribbon cables. Connection integrity is achieved with spring action side latch housing and alignment is achieved with high precision guide pins. The housings are colored-coded to differentiate Single-mode and Multi-mode respectively. Removable housings allow quickly changing of pin clamps, ferrule clearing or connector re-polishing. Our MTP/MPO patch cords can be delivered within a short lead-time at reasonable prices on top of a life-time warranty.



### Features

- Meets IEC61754-7, TIA/EIA604-5
- Bare fiber ribbon type and ruggedized type
- Available for SM(angled) and MM(flat) performance
- Push-on/ Pull-off latching connector, easy installation
- Low insertion loss (I.L.) and Reflection

### Application

- Telecommunication
- Testing Instruments
- Active device terminations
- LAN/WAN
- FTTX

### Product Specifications

Characteristics		Conditions			
Fiber Count		4 / 8 / 12 / Others			
Connector Type		LC/ SC / ST (others)-MTP			
	SM	SM (Elite)	MM	MM (Elite)	
Insertion Loss (dB)	≤0.75	≤0.35	≤0.6	≤0.35	
Return Loss (dB)		SM ≥60			
Durability (dB) ( 500 cycles)		SM ≤0.3	MM ≤0.2		
Operating Temperature	-40°C ~ +80°C				
Storage Temperature	-40°C ~ +80°C				

\* Fiber lengths & types can be customized individually to meet customer’s specifications.