

# SUMMIT TELECOM

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## Fiber Optic Connection Components

Item Code: STFPC-MPO

### MPO Fanout Patch Cord



Summit Telecom is a China leading manufacturer for MPO Fanout Patch Cable, which offers up to 12 times the density of traditional patch cords.

#### Description:

MPO patch cord is a multi-fiber patch cord with fiber count of 4, 8, 12 or 24. MPO patch cords use Precision molded MT ferrules, together with metal guide pins and precise housings ensuring fiber alignment when mating.

The 24 fiber assembly provides a quick connection with the push-on/pull-off release latch with consistent repeatable connections across the 24 fibers. We can make MPO patch cord with various kinds of optical fiber connectors such as SC LC FC ST. Different length can be available.

#### Features:

- Single mode and multi mode (flat) APC(catercorner 8 degree angled)available

- High fiber density (maximum 24 fibers for Multimode)
- Fiber in single connector: 4, 8, 12 24
- Insert/Pull latching connector
- High reflection loss with APC
- Comply with Telcordia GR-1435-CORE specification and Rosh standard

#### Application:

- Telecommunication Networks
- Test Equipment
- Optic Fiber Communication Networks
- Optical Access Network
- Optical CATV
- Optical LAN

#### Specifications:

Item	Single mode	Multi mode
Fiber diameter	9/125 um	62.5/125um 50/125um
Insertion loss	PC $\leq$ 0.5dB APC $\leq$ 0.4dB	PC $\leq$ 0.4dB
Return loss	PC $\geq$ 45 dB APC $\geq$ 55dB	PC $\geq$ 25dB
Insert-pull test	1000 times $\leq$ 0.5 dB	
Interchange	$\leq$ 0.5 dB	
Operating temperature	-40°C~+80°C	
Anti-tensile force	15kgf	