



# TAKFLY COMMUNICATIONS CO., LTD.

ADD: Takfly Industrial Park, Tongsheng Community, Dalang Street, Longhua District, Shenzhen, 518109, China.

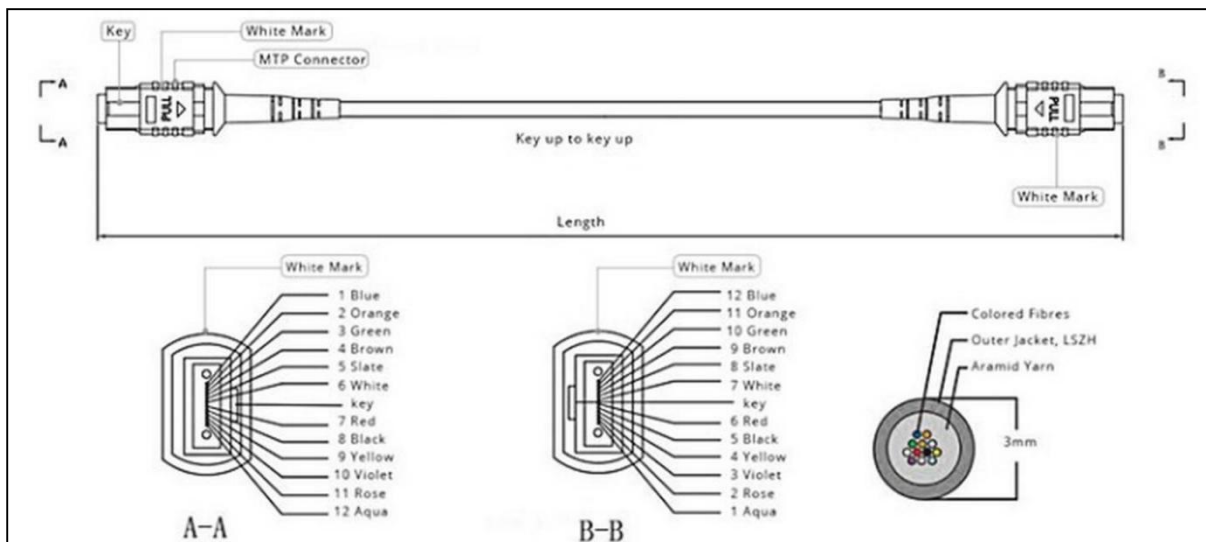
Tel: +86-755-28106528

Fax: +86-755-23777278

## MPO/MTP Patch cord



### MPO-MPO (MTP-MTP)





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## ◆ Applications

- Asynchronous Transmission Mode(ATM)
- Gigabit Ethernet
- Active Deviced/Transceiver Interface
- CATV, Video and Multimedia
- Premise Installations
- Telecommunication Networks
- Parallel optical interconnect between PC Cards and patch panels
- Interconnection for O/E modules
- Industrial & Military
- Optical Switch interframe connections

## ◆ Features

- Precision molded MT ferrule
- High precision guide pins for exact alignment
- Compact design, up to 4,8,12,24 fibers
- IEC 61754-7 Compliant
- EIA/TIA-604-5 Compliant

## ◆ Specifications

| Item                            | MPO/MTP                                                              | MPO/MTP |
|---------------------------------|----------------------------------------------------------------------|---------|
| End face type                   | Female/Male; PC and APC                                              |         |
| Fiber type                      | SM (G652、G655、G657) ; MM (OM1-OM5)                                   |         |
| Core number                     | 12、24                                                                |         |
| Cable Diameter                  | Mini Round cable: Max4.5mm;<br>Ribbon cable: Max3.0*5.0mm            |         |
| Insertion loss (dB)             | Standard: ≤0.35/0.7(Typical/Max)<br>Low Loss: ≤0.2/0.35(Typical/Max) |         |
| Return loss (Min)               | SM: APC: 60dB<br><br>MM: PC: 20dB                                    |         |
| Test Wavelength (nm)            | SM:1310/1550<br>MM:850/1300                                          |         |
| Repeatability                   | ≤ 0.1dB                                                              |         |
| Durability                      | ≤ 0.2dB                                                              |         |
| Interchangeability              | ≤ 0.2dB                                                              |         |
| Operating Temperature           | -20℃~70℃                                                             |         |
| Storage Temperature             | -40℃~80℃                                                             |         |
| Outer Sheath Material           | PVC、LSZH                                                             |         |
| Bending radius (Static/Dynamic) | 10D/20D                                                              |         |
| Length                          | Customized                                                           |         |