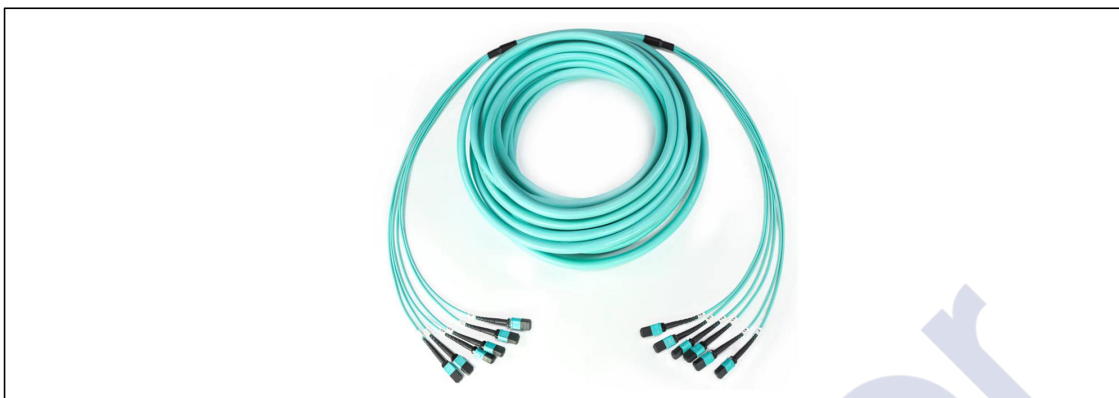


## Multi-Fiber Breakout MPO Fiber Optic Patchcord

### Product Drawing



### Product Description

Multi Fiber Breakout MPO Fiber Optic Patchcord integrates multiple fiber cores and combines branch design to achieve parallel transmission and precise management of multiple signals, greatly improving fiber bandwidth utilization and transmission efficiency, meeting the needs of high-density fiber connections. The unique branch design allows a single jumper to connect multiple devices or ports, achieving flexible fiber network layout and reducing wiring complexity. We provide various types of MPO jumpers, such as LC, SC, MT-RJ, etc., to meet the connection needs of different devices and interfaces, ensuring the accuracy and stability of signal transmission.

### Product features

- Multi core parallel technology supports parallel transmission of multiple fiber cores, doubling the amount of data transmission.
- Unique branching design allows one jumper to connect multiple devices or ports, achieving flexible network layout.
- High quality fiber optic materials and connectors can maintain stable transmission performance and reliability.
- Multi core branching MPO jumpers have high reliability and stability.
- Standardized interfaces and simple plug and play designs make installation and maintenance more convenient and efficient.

### Application

Data centers, high-speed network equipment FTTX、40/100G SFP、SFP+.

### Technical Specifications

#### Product Parameters

| Project        |     | Technical indicators                           |               |             |             |             |
|----------------|-----|--|---------------|-------------|-------------|-------------|
| Product name   |     | Multi-Fiber Breakout MPO Fiber Optic Patchcord |               |             |             |             |
| Parameter      |     | Unit   | SM Standard   | SM Low loss | MM Standard | MM Low loss |
| Insertion Loss | Typ | dB   | 0.35          | 0.2         | 0.35        | 0.2         |
|                | Max |  | 0.75          | 0.35        | 0.65        | 0.35        |
| Return Loss    |     | dB   | APC $\geq$ 50 | /           | $\geq$ 25   | $\geq$ 35   |
|                |     |  | PC $\geq$ 40  |             |             |             |

|                    |                                     |                          |                          |
|--------------------|-------------------------------------|--------------------------|--------------------------|
| Repeatability      | dB                                  | ≤0.1                     |                          |
| Interchangeability | dB                                  | ≤0.3(Connector Randomly) |                          |
| Durability         | dB                                  | ≤0.3(change 500matings)  | ≤0.3(change 1000matings) |
| Vibration          | dB                                  | ≤0.3(10~55Hz)            |                          |
| Fiber Type         | SM9/125,MM50/125,MM62.5/125,OM3,OM4 |                          |                          |

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