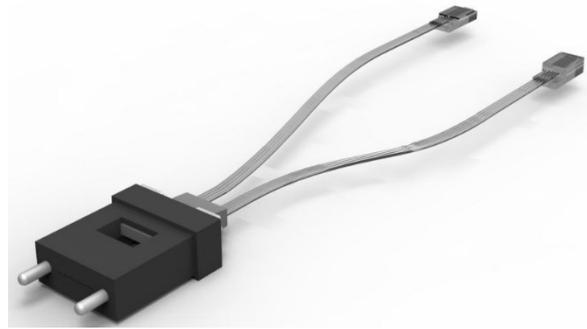


MT-FA Connection is widely used in the internal connection of high-speed optical module.

The FA is used to complete the photoelectric conversion of optical path.

MT core is very convenient to be used as an external optical interface in the application of highspeed optical module.



Features/Benefits Specifications

- Accurate fiber core position
- Excellent environmental stability and reliability
- High Performance in IL
- Accurate polishing angle.

FA Specification

| Parameter | Unit | Spec. |
|-----------------------|--------|-----------------------------------------|
| Fiber Count | - | 4 for TX/RX or customized |
| Material | - | Silicon |
| Core Pitch | mm | 0.25mm,0.75mm,1.6mm,2.2mm or customized |
| Polish Angle | Degree | 0,4,8,42 or customized |
| Top Angle | Degree | 90 or customized |
| Operating Temperature | °C | -40~85 |
| Storage Temperature | °C | -40~85 |

MT Core Optical Performance

| | Single-mode Standard | Single-mode low loss |
|----------------|----------------------------------------------------------------|-----------------------------------------------------------------|
| Insertion Loss | 0.25dB Typical (All Fibers) 0.5dB Maximum (Single Fiber) | 0.15dB Typical (All Fibers) 0.35dB Maximum (Single Fiber) |
| Return Loss | > 60dB (8° Angle Polish) | > 60dB (8° Angle Polish) |