

## MT - MT Assembly

Passive optical interconnect jumpers can be deployed in QSFP, QSFP+, QSFP28, 100G PSM4, QSFP-DD, Micro QSFP, OSFP, CXP, CFP, CDFP and any parallel optical transceiver modules, supporting various network types, including Ethernet optical network, Infiniband optical network, and Fiber Channel network.

产品应用于QSFP、QSFP+、QSFP28、100G PSM4、QSFP-DD、Micro QSFP、OSFP、CXP、CFP、CDFP 以及其他并行传输光收发模块中，支持200G以上各类型光模块内部微连接应用的OEM/ODM配套。

### Features (特点)

GR-1435, GR-1221 compliant

Transmission mode: Multi-channel serial and parallel transmission mode

High accuracy

Support: 40G(4x10G), 100G(4x25G), 100G(10X10G), 12x10G, 4x32G, 8X10G, 200G(8X25G), 400G(8X50G), 800G(8X100G)

兼容GR-1435、GR-1221

传输方式：多通道并行光传输

支持：40G (4x10G)、100G (4x25G)、100G (10X10G)、12x10G、4x32G、8X10G、200G (8X25G)、400G (8X50G)、800G (8X100G)

### Coupling Mode (耦合模式)

Passive coupling with guide pins and 0, 8 degrees

无源接口侧MT导针对准可实现0°、8°及按客户定制角度

### IL/RL Specifications (插损、回损参数)

MT IL ≤ 0.60 dB typical 0.20 dB MT RL ≥ 20 dB

MT插损 ≤ 0.60 dB；典型插损 0.20 dB；MT回损 ≥ 20 dB

### Environment Conditions (适用环境)

-40°C ~ +85°C

### Specifications

Item	Specification
Connector A (接头A)	MT ferrule with guide pin (带引针的MT插芯)
Connector B (接头B)	Customized Jumper/Lens, Usconect Prizm/Lensed MT (客户定制跳线/透镜, Usconect Prizm/带透镜的MT)
Fiber shape (光纤形状)	Ribbon/Single fibers (带状/单纤)
Fiber count (纤芯数)	2F/4F/8F/12F/16F/24F
Fiber type (光纤型号)	OM3, OM4, OM5;
Length (长度)	20~50mm, Customized length available (20-50mm可选)
Length tolerance (长度公差)	±0.30 ~ ±0.50mm

