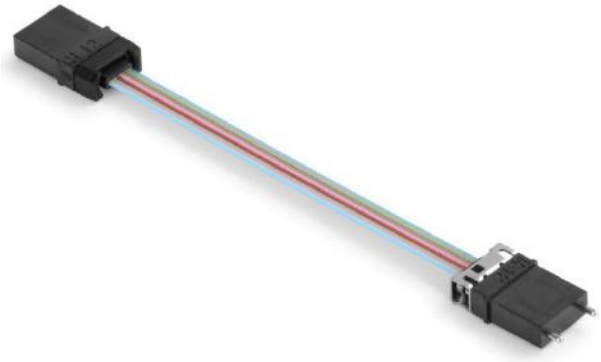
MT-MT Jumper



MT-MT jumper is mainly used in light optical transceiver module. The module is used to connect optical lens and the external port. It can be deployed in transceiver module such as QSFP, and parallel optical transceiver modules, supporting various network types, including Ethernet optical network, Infiniband optical network, and Fiber Channel network.

Applications

- QSFP
- Array laser
- Multichannel device
- Parallel light optical transceiver module

Features

- Low insertion loss and high return loss
- High precision connector
- PC UPC APC end face polish
- 4/8/12/24 fiber or customized
- 100% factory terminated and tested
- Customized length available
- Metal or nonmetal pin holder
- ROHS Compliant

Standards Compliance

- TIA/EIA 568.3-D
- TIA/EIA 604-5
- IEC 61754-7
- IEC 61753-1
- GR 1435-CORE

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General Specification

Construction	Description
Fiber Count	4-24 Fibers
Fiber Mode	Single-mode: G.652/G.657 Multi-mode: OM1 OM2 OM3; OM4
Fiber Brand	Corning SMF-28® Ultra optical fiber Corning ClearCurve® multimode fiber
Cable Type	Ribbon fiber, Dyed bare fiber
Polarity	Type A, Type B, Type C (TIA-568.3-D) or customized
Connector Ferrule	4F/8F/12F/24F
MT Ferrule Brand	US Conec MTP, Senko MPO, Nissin MPO, Sanwa MPO, FURUKAWA MPO
Operating Temperature	-20°C to + 70°C
Storage Temperature	-40°C to + 85°C

Technical Specification

Optical Properties	Single mode	Multimode
Insertion Loss (dB)	Low loss≤ 0.35 (Typical:≤ 0.25)	Low loss≤ 0.35 (Typical:≤ 0.2)
	Standard Loss≤0.75 (Typical:≤ 0.4)	Standard Loss≤ 0.6 (Typical:≤ 0.35)
Return Loss (dB)	PC≥50; APC≥60	PC≥20; APC≥40
Durability	≤0.2 dB typical change, 50 matings	
Wavelength (nm)	Single mode: 1310/1550, Multimode: 850/1300	

Note: IL&RL Test method: IEC 61300-3-4 insertion B.

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