



## 1、Description

MT-MT patch cords used in the parallel fiber optic module - (QSFP+SR4) the connection to the optical lens and External Port. use low loss MT Ferrule, Corning Clean Curve fiber to achieve low attenuation. Total length' s tolerance  $\pm 0.15\text{mm}$ , MT Ferrule' s tolerance  $\pm 0.05\text{mm}$ , are available to satisfy coupling in small space of the module

## 2、Features

- Cross or parallel connecting
- 40G/100G transmission speed
- Standard or low loss can be optional
- 8Cores or 12 cores can be optional
- GR-1435-Core compliance
- The length is specified by customer
- Ribbon fiber or separated fiber convenient for inside connection

## 3、Specification

Fiber Type	SM (9/125um)		MM (50/125um、62.5/125um)
Polish	UPC	APC	UPC
Insertion Loss(Standard)	$\leq 0.35\text{dB}$ (typical) , $\leq 0.75\text{dB}$ (Max)		$\leq 0.35\text{dB}$ (typical) , $\leq 0.60\text{dB}$ (Max)
Insertion Loss(Low)	$\leq 0.20\text{dB}$ (typical) , $\leq 0.35\text{dB}$ (Max)		$\leq 0.20\text{dB}$ (typical) , $\leq 0.35\text{dB}$ (Max)

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Return Loss	≥50dB	≥60dB	≥20dB
3D	Fiber Height : 1000~3500nm Radius Long: 500mm min Radius Short: 50mm min Max Fiber Differential < 400nm Max Fiber Adj Diff < 200nm Ferrule Height: 7.95mm min MM Core Dip: <100nm		
Repeatability	500 times typical change value ≤ 0.20dB		
Interchangeability	≤0.20dB		
Connector(optional)	Male / Female		
Tensile Strength (kgf )	10		
Fiber Moder(optional)	OS1,OS2, OM1, OM2, OM3, OM4		
Operating Temperature	-20 ~ +70 °C		
Storage Temperature	-40 ~ +85 °C		

#### 4、Application

- CATV, LANs, WANs
- QSFP Module
- Multi channel testing instrument
- Data center
- Communication