

# FIBER OPTIC ACCESSORIES

## MTRJ SM/MM CONNECTOR



### FEATURES

- The style is diverse, the interface is complete
- Low insertion loss and added loss
- Height of attenuation
- High back loss, small volume, light weight
- High stability, high reliability
- Mechanical performance: IEC 874-18.

### APPLICATION

- Optical fiber communication systems engineering
- Fiber optic data communication network
- Fiber CATV engineering
- Other optical technology tests



### SPECIFICATION

|                                     |                |
|-------------------------------------|----------------|
| Applicable connector type.          | MTRJ           |
| Optical fiber type                  | SM/MM          |
| Test the wavelength                 | 1310nm~1550nm  |
| Repeatability                       | ≤0.10dB        |
| Interchangeability                  | ≤0.10dB        |
| Durability                          | 500 times plug |
| Suitable for optical cable diameter | 2.0mm          |
| Working temperature                 | -20°C to +70°C |
| Storage temperature                 | -40°C to +85°C |

### PRODUCT PARAMETERS

| Type               | SM-UPC        |        | MM-UPC    |        |
|--------------------|---------------|--------|-----------|--------|
|                    | Typical       | MAX    | Typical   | MAX    |
| Insertion loss     | ≤0.1          | ≤0.3dB | ≤0.05     | ≤0.3dB |
| Return loss        | ≥50dB         |        | ≥30dB     |        |
| Ferrule hole sizes | 125.2-126.2um |        | 125-128um |        |

### ORDER INFORMATION

| PRODUCT                    | PART NUMBER   |
|----------------------------|---------------|
| MTRJ Connector Simplex, SM | F-CN-MTRJ9-SX |
| MTRJ Connector Duplex, SM  | F-CN-MTRJ9-DX |
| MTRJ Connector Simplex, MM | F-CN-MTRJ5-SX |
| MTRJ Connector Duplex, MM  | F-CN-MTRJ5-DX |