

MT-1033 Fiber Optic Attenuator



Features:

1. Fiber mode: MM/SM
2. Connector: **FC,SC,ST,LC,MU,MTRJ,E-2000** and other
3. Available Length: User-defined
4. Jacket Colors: Orange, Yellow
5. Ferrule: PC,UPC,APC
6. Insertion Loss: $\leq 0.2\text{dB}$
7. Specification according to customer's requests
8. **Both OEM and ODM are availables**



Item: FC Series

Brief: Locks with coupling ring

Description:

1. Metal casing with zirconia ferrule
2. 100% adjustment and testing on optical power meter
3. Tuned for minimum insertion loss
4. IEC 874 compliant
5. Color boot: Black, green, blue, etc.



Item: SC Series

Brief: Automatic lock in adaptor

Description:

1. Unlock by pulling on casing
2. Plastic casing with zirconia ferrule
3. Can be used as duplex connector with duplex clip
4. IEC 874 compliant
5. Color of casing boot: SM-blue, MM-beige



Item: LC Series

Brief: Lock with locking lever

Description:

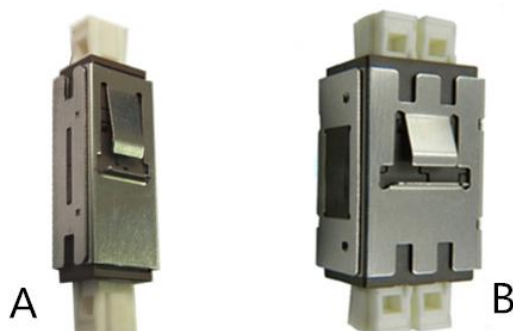
1. Plastic housing with zirconia ferrule
2. Simplex & duplex are available
3. IEC 874 compliant
4. **Color housing: blue / beige**

Item: MTRJ Series

Brief: RJ45 style latch connector

Description:

1. SM,MM performance to TIA specification
2. IEC-61754-20 compliant
3. Male & female available



Item: MU Series

Brief: Compact factor connector

Description:

1. Providing high density mounting
2. Excellent optical performance
3. IEC-61754-20 compliant

Fiber optic Attenuators are used in applications where a pre-determined amount of light loss is specified. We offer LC, FC, SC, ST, MU fixed attenuator with different attenuation level, from 1dB to 30dB.

Key Features

- Bellcore Compliant
 - Wavelength Independent
 - Durability & Simple and Reliable Structure
- Specifications
- Operating Wavelength: SM: 1310nm, 1550nm
 - MM: 850nm, 1300nm
 - Return loss: More than 55dB (UPC)
 - Attenuation Accuracy: +/-0.5 (1~10) +/-1.0(11~30)
 - Polarization Dependent Loss: Less than 0.2dB
 - Max. Optical Input Power: 200mW
 - Operating Temp Range: -40~80°C

Applications

- Telecommunication Networks
- Local Area Network
- FTTH and FTTx
- Fiber Optic Sensors
- Test & measurement
- DWDM applications

Optical Performance	M-F Plug Type	F-F Adaptor Type
Testing Wavelength(nm)	SM: 1310nm/1550nm	1310nm
	MM: 850nm/1300nm	
Attenuation Accuracy(dB)	1-9dB; 0.5dB; 10-30dB; 10% of Attenuation Value	
Return Loss(dB)	≥50dB (PC)	≥50dB (PC)
	≥60dB (APC)	≥60dB (APC)
Input Power (Max.) (mW)	300	
Durability(dB)	<0.2dB Typical, 1000 Matings	
Operating Temperature(°C)	-40~+80	
Storage Temperature(°C)	-40~+85	

hofiber@melontel.com