

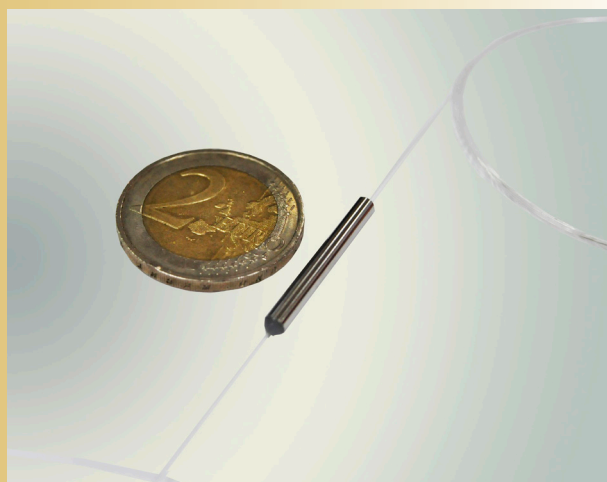
M-MI SM Fiber Mini-Isolators

Features:

- Compact size
- Ultra high isolation
- Minimum polarization dependent loss (PDL)
- Polarization mode dispersion (PMD) free
- Optical path epoxy free
- Low insertion loss
- Environmentally stable

Applications:

- Optical amplification
- Optical transmission
- CATV
- High-bit rate optical communications



Performance Specifications:

ITEM	Polarization Independent Isolators			
Operating wavelength, nm	1310, 1550			
Stage	Single		Dual	
Grade	S	H	S	H
Minimum Isolation, dB (over the center wavelength±15nm), (at 25°C, all SOP)	30	28	45	42
Typical Insertion Loss, dB (at 25°C, all SOP)	0.4	0.55	0.5	0.6
Maximum Insertion Loss, dB (over the operating range±15nm), (-5 ~ 70°C, all SOP)	0.55	0.65	0.65	0.8
Polarization dependent Loss, dB	≤0.08	≤0.1	≤0.08	≤0.1
Return Loss, dB (input/output)	55/55	55/50	55/55	55/50
Polarization Mode Dispersion, ps	≤0.2	≤0.2	≤0.1	≤0.1
Operating Temperature, °C	-5 ~ +70			
Storage Temperature, °C	-40 ~ +85			
Maximum Output Power, mW	300			
Package Size, mm	3.0 x 25			

Note: 1. SOP = States of Polarization
 2. I.L.: Without Connector Loss.

SM Fiber Mini-Isolators

Ordering Information:

M - MI - - - - - - - /

Stage Type

- 1 Single
- 2 Dual

Operating Wavelength

- 13 1310nm
- 15 1550nm
- 00 Others, please specify

Grade

- S Super
- H High

Pigtail Type (Input / Output)

- C Coated SMF fiber (250µm)
- L Loose tube cable (900µm)
- Q 3.0mm cable
- X Others, please specify

Packaging Dimension

- E E type
- X Others, please specify

Pigtail Length (for each end)

- | | | | |
|---|------------------------|---|-----------|
| 1 | 1 meter | A | 0.5 meter |
| 2 | 2 meter | B | 1.5 meter |
| X | Others, please specify | | |

Connector Type (Input / Output)

- | | | | |
|----|------------------------|----|-------------|
| FC | FC type | AP | FC/APC type |
| SC | SC type | AS | SC/APC type |
| ST | ST type | MU | MU type |
| LC | LC type | NC | None |
| XX | Others, please specify | | |