



Optical Fiber Mirror (OFM Series)

Rev 11

Description

The Optical Fiber Mirror is designed and manufactured according to Telcordia standard. It is characterized with low insertion loss, excellent environmental stability and reliability. It has been widely used in fiber optics communication equipment, fiber sensing to reflect light input backward through the fiber.

Key Features

- Low Insertion Loss

Applications

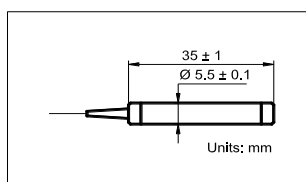
- Fiber Sensing
- Equipment

Specifications

Parameter	Unit	Value	
Center Wavelength (λ_c)	nm	1310 or 1550	1064
Operating Wavelength Range	nm	± 20	± 20
Typ. Insertion Loss	dB	0.4	0.5
Max. Insertion Loss	dB	0.5	0.7
Max. Polarization Dependent Loss	dB	0.05	0.05
Max. Optical Power (Continuous Wave)	mW	300	300
Max. Tensile Load	N	5	5
Fiber Type	-	SMF-28 Fiber	HI 1060 Fiber
Operating Temperature	$^{\circ}\text{C}$	- 5 to + 70	- 5 to + 70
Storage Temperature	$^{\circ}\text{C}$	- 40 to + 85	- 40 to + 85

¹IL is 0.3 dB higher, RL is 5 dB lower for each connector added.

Package Dimensions



Ordering Information

OFM-①①-②-③-④

①①: Wavelength

06 - 1064 nm

31 - 1310 nm

55 - 1550 nm

SS - Specify

②: Connector Type

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

N - None

S - Specify

③: Fiber Jacket

B - 250 μm Bare Fiber

L - 900 μm Loose Tube

S - Specify

④: Fiber Length

1 - 1.0 m

S - Specify