Optizone Mini Polarization Maintaining Faraday Mirror

Features

Low Insertion Loss
High Return Loss
High Extinction Ratio
Excellent Evironment Stability
High Power Capability
Small Package

Applications

Fiber Optic Instruments
Fiber Sensors
Fiber Lasers
Coherent Detecting
Research

Specifications

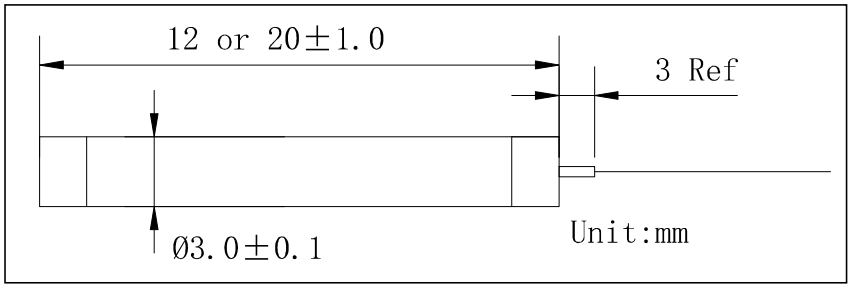
Parameters	Unit	Values
Center Wavelength (λc)	nm	1310, 1480 or 1550
Operating Wavelength Range	nm	±15
Typ. Insertion Loss	dB	0.4
Max. Insertion Loss	dB	0.6
Faraday Rotation Angle (Single Pass)	deg	45
Max. Rotation Angle Tolerance at 23℃, λc	deg	±1
Min. Extinction Ratio	dB	20
Max. Optical Power (CW)	mW	500
Max. Tensile Load	N	5
Fiber Type	--	PM Panda Fiber
Operating Temperature	℃	-5 to +70
Storage Temperature	℃	-40 to +85

*Above specifications are for device without connector.

*For devices with connectors, IL will be 0.3dB higher and ER will be 2dB lower.

*The material must be RoHS compliant.

Package Dimensions



Ordering Information

MPMFM- ①①-②-③-④-⑤-⑥⑥-⑦⑦

①①: Wavelength
31 - 1310nm
48 - 1480nm
55 - 1550nm
SS - Specify

②: Handing Power
0.5 - 500mW
S - Specify

③: Connector Type
1A - FC/UPC
2A - FC/APC (Step)
3D - SC/UPC
4D - SC/APC (Step)
N - None

④: Fiber Jacket
B - 250um Bare Fiber
C - 900um Loose Tube(Red)
D - 900um Loose Tube(Blue)
E - 900um Loose Tube(Black)
S - Specify

⑤: Fiber Length
0.8 - 0.8 m
S - Specify

⑥⑥:Fiber Type
01A - PM1550 Fiber

⑦⑦: Package Type
102 - Ø3.0x12
103 - Ø3.0x20