

Faraday Mirror

Features

Low Insertion Loss
Environmental Stability

Applications

Coherent Detecting
DWDM Systems
Fiber Sensors
SOAs

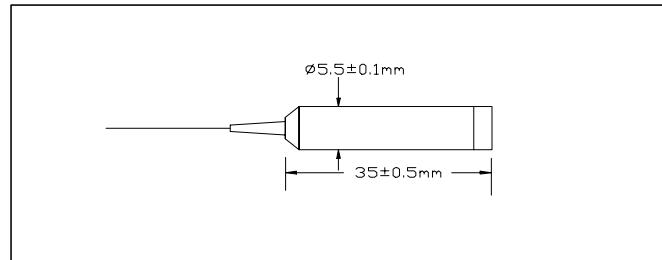
Specifications

Parameters	Unit	Values
Center Wavelength (λ_c)	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)	$^{\circ}$	45
Max. Rotation Angle Tolerance at 23 $^{\circ}$ C, λ_c	$^{\circ}$	± 1
Max. PDL	dB	0.05
Max. PMD	ps	0.05
Max. Optical Power (CW)	mW	500
Max. Tensile Load	N	5
Fiber Type		SMF-28e Fiber
Operating Temperature	$^{\circ}$ C	-5 to +70
Storage Temperature	$^{\circ}$ C	-40 to +85

*Above specifications are for device without connector.

*For devices with connectors, IL will be 0.3dB higher and RL will be 5dB lower.

Package Dimensions



Ordering Information

AFM- ①①-②-③-④

①①: Wavelength

31 - 1310nm
48 - 1480nm
55 - 1550nm
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 - 250um Bare Fiber
L - 900um Loose Tube
T - 900um Tight Buffer
C - 3mm Cable
S - Specify

④: Fiber Length

1 - 1.0m
S - Specify