

Faraday Mirror

Features	
Low Insertion Loss	
Compact Size、 Environmental Stability	
Application	
EDFA、 DWDM System、 Fiber Instruments、 Fiber Sensor	

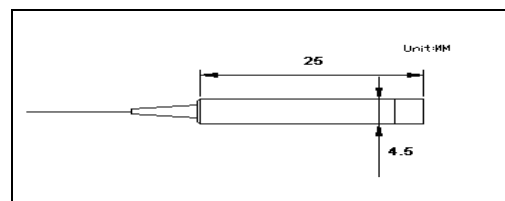
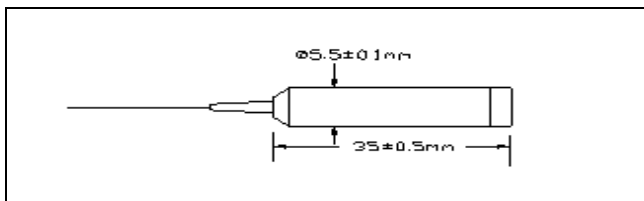
Specifications:

Parameter	Values	
Operating wavelength (nm)	1310、 1450、 1480、 1550	1064
Operating bandwidth (nm)	±15	±5
Insertion loss (dB)	≤0.6(45deg.), ≤0.7(90deg.)	≤3.0(45deg.), ≤5.0(90deg.)
Faraday Rotation Angle(single pass) (Deg)	45 or 90	45 or 90
Maximum Rotation angle tolerance over wavelength range at 23℃ (Deg)	±1	±3(45deg.) , ±4(90deg.)
PDL (dB)	≤0.05	≤0.10
Power handling (mW)	≤500	≤150
Fiber Type	SMF-28e	HI1060
Operating temperature(℃)	-5 ~ +70	-5 ~ +50
Storage temperature(℃)	-40~ +85	
Package dimensions(mm)	Φ5.5×L35(P1) ;Φ4.5×L25(P3)	

*Above specifications are for devices without the connectors.

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

Package Dimensions



Ordering Information

FM	Wavelength	0000	Faraday Rotation Angle	Package	Pigtail Type	Length	Connector
	1310=1310nm		1=45deg	1=5.5*35mm	1=250um	H=0.5m	0=None
	1450=1450nm		2=90deg	3=4.5*25mm	bare fiber	8=0.8m	1=FC/UPC
	1480=1480nm				2=900um	1=1.0m	2=FC/APC
	1550=1550nm				loose tube	5=1.5m	3=LC/UPC
	1064=1064nm				3=3mm	2=2.0m	4=LC/APC
					loose tube	3=3.0m	5=SC/APC
					4=2mm	4=4.0m	6=SC/UPC
					loose tube	A=2.5m	
						B=5.0m	