

Faraday Mirror

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

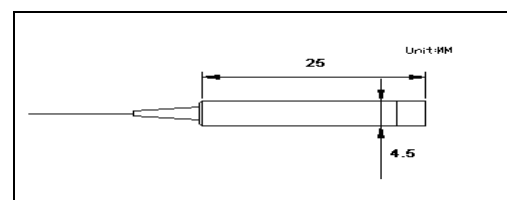
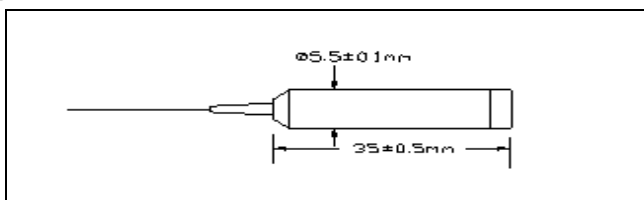
Specifications:

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