

Faraday Mirror (FM)

Features:

Low Insertion Loss
Compact Size
Environmental Stability

Application:

EDFA
DWDM System
Fiber Instruments
Fiber Sensor

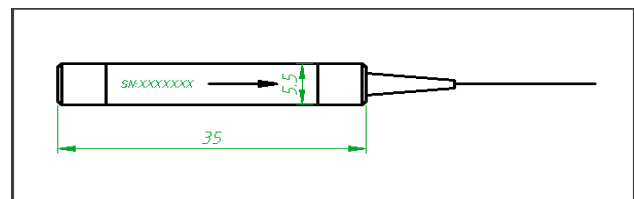
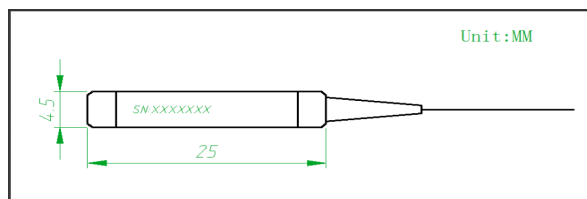
Specifications:

Parameter	Values	
Operating wavelength (nm)	1310 or 1550	1064
Operating bandwidth (nm)	±15	±5
Insertion loss (dB)	≤0.6(for 45deg.)≤0.7(for 90deg.)	≤3.5(for 45deg.)≤5.5(for 90deg.)
Faraday Rotation Angle(single pass) (Deg)	45,90	45,90
Maximum Rotation angle tolerance over wavelength range at 23°C) (Deg)	±1	±3(for 45deg.) ±4(for 90deg.)
PDL (dB)	≤0.05	≤0.10
PMD (ps)	≤0.05	
Power handling (mW)	≤500	≤150
Fiber Type	SMF-28e	HI1060
Operating temperature(°C)	-5 ~ +70	-5 ~ +50
Storage temperature(°C)	-40~ +85	
Package dimensions(mm)	Φ4.5×L25(P1); Φ5.5×L35(P2) ; Φ3.2×L12(P3)	

*Above specifications are for devices without the connectors.

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

Packing Dimensions:



Ordering Information:

FM	Wavelength	0000	Rotator angle	Package	Pigtail Type	Length	Connector
	1310=1310nm 1450=1450nm 1480=1480nm 1550=1550nm 1064=1064nm	0000	1=45Deg 2=90Deg	1=P1 (4.5*25mm) 2=P2 (5.5*35mm) 3=P3 (3.2*12mm)	1=250um bare fiber 2=900um loose tube 3=3mm loose tube 4=2mm loose tube S=Specify	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 S=Specify	0=None 1=FC/UPC 2=FC/APC 3=SC/APC 4=SC/UPC 5=MU 6=LC/UPC 7=LC/APC S=Specify