

Faraday Mirror

Features

- ▶ Low Insertion Loss
- ▶ High Return Loss
- ▶ High stability & Reliability

Applications

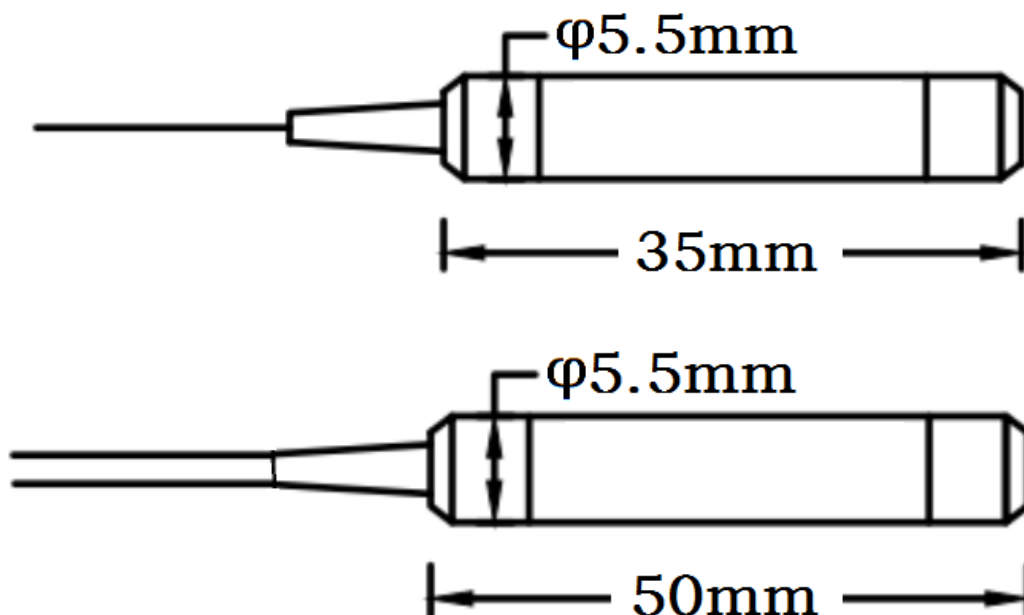
- ▶ Fiber Optic Instruments
- ▶ Fiber Sensors
- ▶ Fiber Lasers

Specifications

Parameters	Unit	Value	
Center Wavelength	nm	1310 or 1550	1064
Operating Wavelength Width	nm	±15	±5
Max. Insertion Loss	dB	0.6	0.8
Faraday Rotation Angle for CWL	deg	45	
Max. Rotation Angle Tolerance at 23 °C for CWL	deg	±3	
Max. Polarization Dependent Loss at 23 °C	dB	0.15	
Max. Polarization Mode Dispersion	ps	0.05	
Max. Power Handling	mW	500	
Max.Tensile Load	N	5	
Operating Temperature	°C	-5~+70	
Storage Temperature	°C	-40~+85	

Remark: The above specification is without connector, Other specifications can be made on customer request.

Package Dimensions



Ordering Information

FRM — A — B — C — D — E — F		
A	Center Wavelength	1550=1550nm,1310=1310nm,1064=1064nm, etc
B	Fiber Type	SMF-28e, Hi1060, etc
C	Pigtail Type	BF=Bare Fiber,0.9=0.9mm Tube, 3=3.0mm Tube
D	Connector type	N=None, LC/UPC, LC/APC, SC/UPC,SC/APC, FC/UPC, FC/APC, etc
E	Package Dimension	φ5.5x35mm, φ5.5x50mm
F	Fiber length	003=0.3m, 005=0.5m; 010=1.0m 100=10m etc
For example: FRM -1064 - Hi1060 - 3 - FC/APC - 5.5x50 - 010		