

Faraday Mirror (FM)

Features

- Low Insertion Loss
- Low PDL
- Environmental Stability

Applications

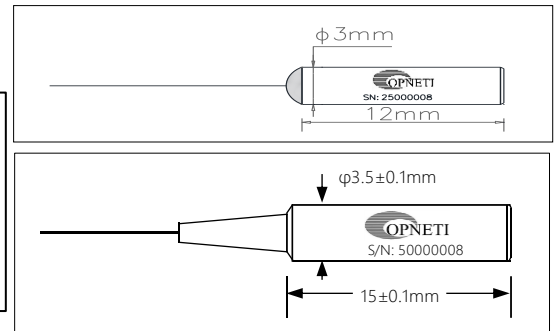
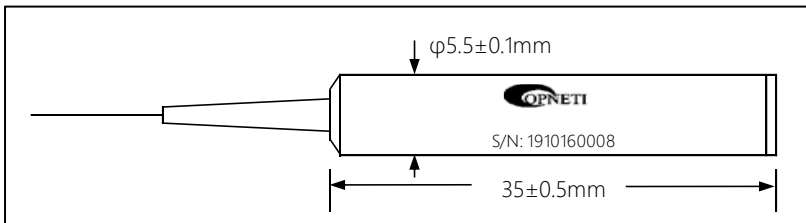
- Fiber Instruments
- Fiber Sensor

Specifications

Parameters	Unit	Values	
Operating Wavelength	nm	1310, 1550, 1650	1064
Operating Bandwidth	nm	±15	±5
Insertion Loss	dB	≤0.6 (Typ.0.4)	≤3.0 (Typ. 2.6)
Faraday Rotation Angle (Single Pass)	Degree	45	45
Rotation Angle Tolerance at 23 °C	Degree	±2	±3
PDL	dB	≤0.1	
Power Handling	mW	≤500	≤150
Fiber Type		SMF-28	HI 1060
Operating Temperature	°C	-5 ~ +70	
Storage Temperature	°C	-40 ~ +85	
Dimensions*	mm	φ5.5x35, φ3.5x15, φ3x12	

* Smaller package available upon request.

Package Dimensions



Ordering Information

FM- ①①①①-②②②-③-④-⑤⑤-⑥⑥⑥⑥⑥⑥

①	Wavelength	1064; 1310; 1550; 1650;
②	Pigtail Type	250=250μm Fiber; 900=900μm Loose Tube;
③	Fiber Type	1=SMF-28; 4=HI 1060;
④	Length	1=1m;
⑤	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; XX=Other;
⑥	Package Size	5.5x35; 3.5x15; φ3x12;