

## Faraday Mirror (FM)

### Features

Low Insertion Loss  
 Low PDL  
 Environmental Stability

### Applications

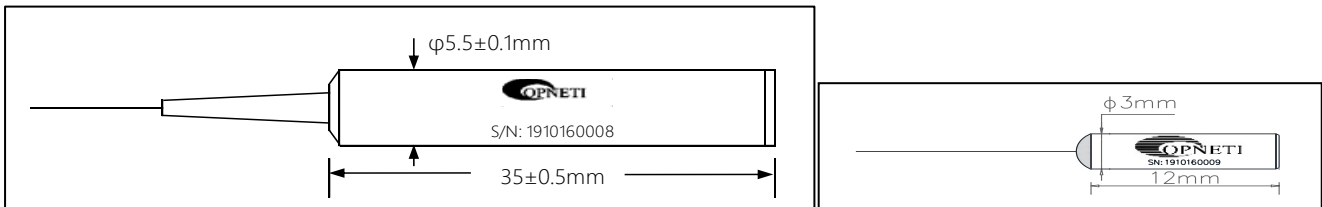
Fiber Instruments  
 Fiber Sensor

### Specifications

Parameters	Unit	Values	
Operating Wavelength	nm	1310, 1550	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	φ5.5×35, φ3×12	

\* Smaller package available upon request.

### Package Dimensions



### Ordering Information

FM- ①①①①-②②②-③-④-⑤⑤-⑥⑥⑥⑥⑥⑥

①	Wavelength	1064; 1310; 1550;
②	Pigtail Type	250=250um Fiber; 900=900um 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; 3x12;