

## 780-2050nm Polarization-maintaining Reflection Mirror

### Features

- Low insertion loss
- High return loss
- Excellent environmental stability

### Application

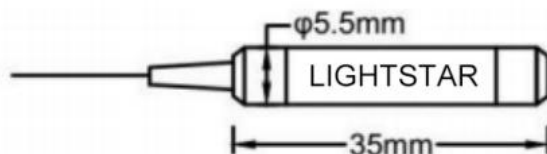
- Coherent detection
- Fiber laser
- Optical fiber sensing

### Specifications

Parameter	Unit	Value		
Central wavelength	nm	2050, 2000, 1950	1550, 1480, 1310	1064, 980, 850, 780
Operating wavelength width	nm	±15	±15	±5
Maximum insertion loss	dB	0.9	0.5	0.7
23 °C Minimum extinction ratio	dB	18	20	20
Maximum polarization mode dispersion	ps	0.05		
Maximum power(CW)	mW	300		
Maximum tensile load	N	5		
Fiber type		PM Panda fiber		
Operating temperature	°C	-5~+70		
Storage temperature	°C	-40~+85		

When using the Connector, the processing power is only 1W, the Insertion loss is 0.3dB higher, the return loss is 5dB lower, and the extinction ratio is 2dB lower. The Connector key is aligned with the slow axis.

### Package dimensions



### Ordering information

PMFM-①①①①-②②②-③-④-⑤-⑥

①①①①: Wavelength  
1030=1030nm  
SSSS=Specify

②②②: Fiber type  
001=PM1550  
003=PM980  
SSS=Specify

③: Package dimensions  
0= φ5.5x35mm  
S=Specify

④: Length  
H=0.5m  
1= 1.0m  
S=Specify

⑤: Pigtail type  
1=250um bare fiber  
2=900um loose tube  
S=Specify

⑥: Connector  
0=None  
1=FC/UPC  
2=FC/APC  
S=Specify