

Features

- High Extinction Ratio
- Low Insertion Loss
- High Return Loss
- Small Focused Spot

Applications

- Ultra-Fast Fiber Lasers
- Fiber Sensors
- Optical Amplifier
- Fiber Lasers

Specifications

Parameters	Unit	Values
Center Wavelength	nm	1064
Operating Wavelength Range	nm	±30
Nominal Working Distance (Lens Front to Test Mirror)	mm	0.5 ~ 0.6 (by Designed)
Nominal Focused Beam Diameter @ WD	um	9.0 (by Designed)
Min. Transmission over Operating Wavelength	-	95%
Min. Return Loss	dB	45
Min. Extinction Ratio	dB	23
Max. Average Optical Power	W	0.5, 1, 1.5, 2 or Specify
Max. Peak Power for ps Pulse	kW	0.5, 1 or Specify
Fiber Type	-	PM 980 Fiber
Max. Tensile Load	N	5
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to +85
Outer Package Material	-	Metal Holder or Specify

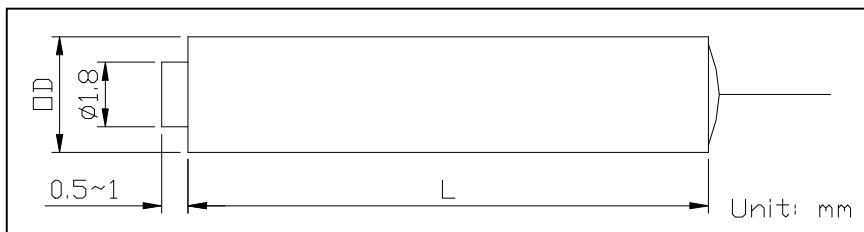
*Above specifications are for device without connector.

*For devices with connectors, IL will be 0.5dB higher, RL will be 5dB lower, ER will be 2dB lower and optical power is only 1W(CW).

*The PM fiber and the connector key are aligned to the slow axis.

*The material must be RoHS compliant.

Package Dimensions



Ordering Information

PMFF-①-②-③-④④-⑤-⑥-⑦-⑧-⑨⑨

①: Wavelength
1064 - 1064nm
S - Specify

②: Pigtail Type
S - Single Fiber Pigtail

③: Focused Spot Diameter
9 - 9.0um
S - Specify

④④: Average /Peak Power
0.5/0.5 - 0.5W /0.5kW
SS - Specify

⑤: Connector Type
1B - FC/UPC
2B - FC/APC (Step)
3D - SC/UPC
4D - SC/APC (Step)
N - None
S - Specify

⑥: Fiber Jacket
B - Bare Fiber
C - 900um Red Loose Tube
S - Specify

⑦: Fiber Type
1B - PM 980
S - Specify

⑧: Fiber Length
0.8 - 0.8m
S - Specify

⑨⑨: Package Type
34 - Ø3.2×14
35 - Ø3.2×17
37 - Ø3.8×22
43 - Ø3.8×17
86 - Ø3.8×15
S - Specify