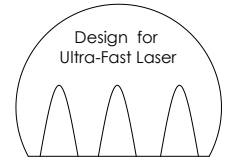


Features

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

Applications

Ultra-Fast Fiber Lasers
 Fiber Sensors
 Optical Amplifier

**Specifications**

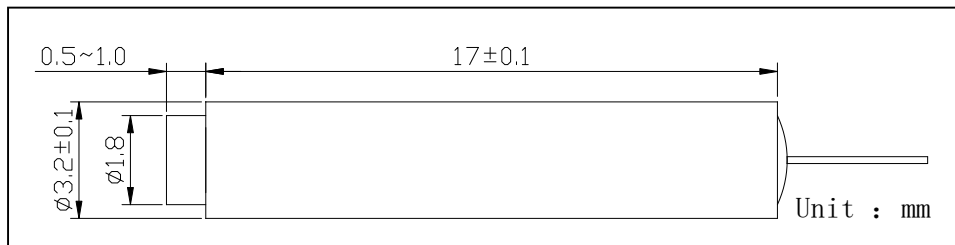
Parameters	Unit	Values
Center Wavelength	nm	1064
Operating Wavelength Range	nm	±3
Nominal Working Distance (Lens Front to Test Mirror)	mm	0.5 ~ 0.6 (by Designed)
Nominal Focused Spot Diameter (Beam Waist)	um	9.0 (by Designed)
Min. Transmissivity (Proper SOP)	-	90%
Max. Insertion Loss (Test with Mirror)	dB	2.3
Min. Return Loss	dB	40
Min. Extinction Ratio	dB	27
Max. Average Optical Power (Proper SOP)	mW	300
Max. Peak Power for ps Pulse (Proper SOP)	kW	0.5, 1 or Specify
Max. Tensile Load	N	5
Fiber Type	-	Corning PM980 Panda Fiber
Operating Temperature	°C	-5 to +50
Storage Temperature	°C	-20 to +75
Outer Package Material	-	SUS 304, Stainless Steel

*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.

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

*The material must be RoHS compliant.

Package Dimensions**Ordering Information**

PFF-UF-①-②-③-④④-⑤-⑥-⑦-⑧-⑨⑨-⑩

①: Wavelength
 1064 - 1064nm
 SS - Specify

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

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

⑧: Fiber Length
 0.8 - 0.8m
 S - Specify

②: Pigtail Type
 S - Single Fiber Pigtail

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

⑦: Fiber Type
 1B - PM 980
 S - Specify

⑨⑨: Package Type
 34 - Ø3.2×14
 35 - Ø3.2×17
 SS - Specify

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

⑩: Axis Alignment
 F - Fast Axis Blocked