

850nm, 980nm, 1030 nm & 1064nm Fiber Collimator

Features

Low Insertion Loss
 High Return Loss
 Low PDL

Applications

Fiber Optics Components
 Fiber Lasers
 Fiber Amplifiers

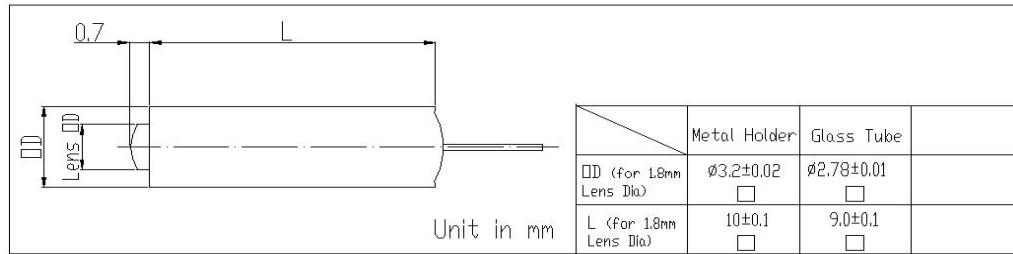
Specifications

| Parameters | Unit | Values | | |
|----------------------------|------|--------------|---------------|---------------|
| Center Wavelength | nm | 850 | 980 | 1030 or 1064 |
| Operating Wavelength Range | nm | ±20 | ±20 | ±30 |
| Working Distance | mm | 5 | 5 | 5 |
| Typ. Insertion Loss at 5mm | dB | 0.3 | 0.25 | 0.25 |
| Max. Insertion Loss at 5mm | dB | 0.35 | 0.3 | 0.3 |
| Min. Return Loss | dB | 55 | 55 | 60 |
| Max. PDL | dB | 0.02 | | |
| Max. Optical Power (CW) | mW | 300 | | |
| Max. Tensile Load | N | 5 | | |
| Fiber Type | | HI 780 Fiber | HI 1060 Fiber | HI 1060 Fiber |
| Operating Temperature | °C | -5 to +70 | | |
| Storage Temperature | °C | -40 to +85 | | |

*Above specifications are for device without connector.

*For devices with connectors, IL will be 0.3dB higher and RL will be 5dB lower.

Package Dimensions



Ordering Information

C-①①-②-③-④-⑤-⑥⑥-⑦⑦-⑧-⑨

①①: Wavelength

98 - 980nm
 85 - 850nm
 03 - 1030nm
 06 - 1064nm
 SS - Specify

②: Pigtail Type

S - Single Fiber Pigtail
 D - Dual Fiber Pigtail

③: Lens Diameter

1 - 1.8mm
 S - Specify

④: Lens Type

G - Grin Lens
 C - C Lens

⑤: Working Distance

1 - 5mm
 S - Specify

⑥⑥: Connector Type

1 - FC/UPC
 2 - FC/APC
 3 - SC/UPC
 4 - SC/APC
 N - None
 S - Specify

⑦⑦: Fiber Jacket

B - 250um Bare Fiber
 L - 900um Loose Tube
 T - 900um Tight Buffer Fiber (for Single Fiber only)
 S - Specify

⑧: Fiber Length

1.75 - 1.75m
 S - Specify

⑨: Package Type

1 - Metal Holder
 2 - Glass Tube