



1064nm Fiber Collimator (C Series)

The 1064nm Fiber Collimator is the basic element for in-line fiber optics components, such as isolator and DWDM. It has low insertion and high return loss. The unique processing and high quality AR coating also enable this collimator to handle high power.



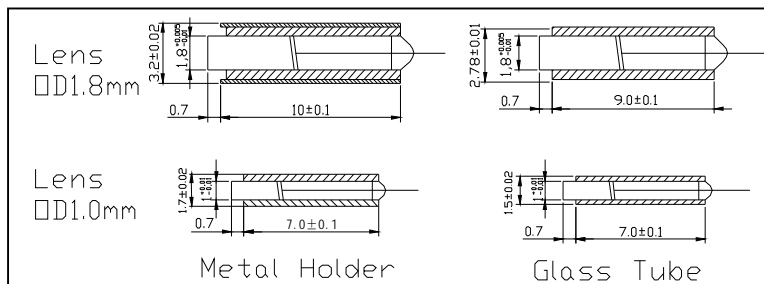
Specifications

| Parameters | Unit | Values |
|----------------------------|------|---------------|
| Center Wavelength | nm | 1064 |
| Operating Wavelength Range | nm | ±30 |
| Working Distance | mm | 5 or Specify |
| Typ. Insertion Loss @ 5mm | dB | 0.25 |
| Max. Insertion Loss @ 5mm | dB | 0.30 |
| Min.Return Loss | dB | 60 |
| Max.PDL | dB | 0.02 |
| Tensile Load | N | 5 |
| Fiber Type | | 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, RL will be 5dB lower.

Package Dimensions



Ordering Information

C-①-②-③-④-⑤-⑥-⑦-⑧-⑨

①: Lens Diameter

- 1 - 1.8mm
- 2 - 1.0mm(for single fiber only)
- S - Specify

②: Pigtail Type

- 1 - Single fiber pigtail
- 2 - Dual fiber pigtail (for 1.8mm only)
- S - Specify

③: Wavelength

- 06 - 1064 nm
- SS- Specify

④: Package Dimensions

- 1 - Metal holder
- 2 - Glass tube

⑤: Working Distance

- 1 - 5 mm
- S - Specify

⑥: Connector Type

- 1 - FC/UPC
- 2 - FC/APC
- 3 - SC/UPC
- 4 - SC/APC
- 5 - LC/UPC
- 6 - ST/UPC
- N - None
- S - Specify

⑦: Fiber Type

- B - 250um bare fiber
- L - 900um loose tube
- T - 900um tight buffer fiber(only for single fiber)
- S - Specify

⑧: Fiber Length

- F - 1.5m
- S - Specify

⑨: Lens Type

- G - Grin lens
- C - C lens