

FIBER COLLIMATOR

Specifications

Contact Ascentta with your custom specification needs.

| Parameter | | Unit | Value |
|--------------------------------|-------------------------|------|---------------|
| Wavelength | | nm | 1310, or 1550 |
| Bandwidth | Min | nm | ±50 |
| Beam Diameter | Max | mm | 0.5 |
| Working Distance | | Max | mm |
| Insertion Loss (23°C, All SOP) | Single Fiber Collimator | | Typ. |
| | | | dB |
| | | | 0.15 |
| | | | Max |
| | | dB | 0.2 |
| Dual Fiber Collimator | | | Typ. |
| | | | dB |
| | | 0.3 | Max |
| | | dB | 0.35 |
| Return Loss | | Min | dB |
| | | | 60 |
| Optical Power Handling | | Max | mW |
| | | | 300 |
| Package Dimension | | Std. | mm |
| | | | φ3.2 × L9.5 |
| Operating Temperature | | °C | -20 to +70 |
| Storage Temperature | | °C | -40 to +85 |

* The above specifications are for parts without connectors. Adding connectors can affect the IL, RL, & PDL.

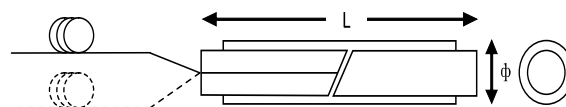
* SOP=State Of Polarization

Ordering Information

Contact Ascentta with your custom configuration needs.

| CL | Type | Wavelength | External Dimensions | Package Type | Working Distance | Fiber Type | Fiber Length | Lens | Connector |
|----|----------------|------------------|---------------------|----------------|------------------|-----------------|--------------|----------|--|
| CL | S=Single Fiber | 00=No AR Coating | A=3.20*9.5mm | M=Metal Holder | 05=5mm | B=SMF-28, 250um | 10=1.0m | G=G Lens | NE=None FC=FC/PC FA=FC/APC LC=LC/PC LA=LC/APC SC=SC/PC SA=SC/APC ST=ST/PC |
| | | 98=980nm | B=2.78*9.0mm | | 10=10mm | | 15=1.5m | | |
| | 10=1060n | C=2.40*9.0mm | 20=20mm | 18=1.8m | | | | | |
| | D=Dual Fiber | 13=1310nm | D=1.40*6.5mm | 70=70mm | L= SMF-28, 900um | 20=2.0m | C=C Lens | | |
| | | 14=1480nm | E=1.27* 6.5mm | | X=Others | X=Others | 30=3.0m | | |
| | | 15=1550nm | X=Others | | | | X=Others | | |
| | | 35=1310/1550nm | | | | | | | |
| | | 95=980/1550nm | | | | | | | |
| | | X=Others | | | | | | | X=Other |

Product Diagram



Dimensions

Contact Ascentta for all your custom design needs.