

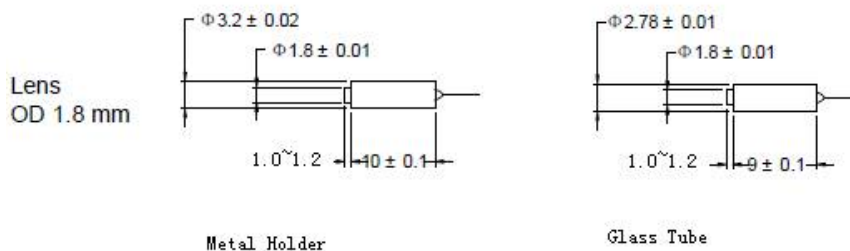
Fiber Collimator

| Features | |
|--|--|
| Low IL & High Return Loss Epoxy Free In Optical Path Environmental Stability | |

Specification

| Parameter | Value | | | | | | |
|---------------------------|---------------|---|---------|-----------------|-----------------|-----------------|---------------------------------|
| Fiber Mode | Single Mode | | | | | | Multimode |
| Operating wavelength(nm) | 1310, 1550 | 1064/980 | 850/780 | 635 | 532 | 488 | 850 or 1310 |
| Bandwidth(nm) | ±30 | ±30 | ±20 | ±20 | ±20 | ±20 | ±30 |
| Working Distance(mm) | 5 or specify | | | | | | |
| Typ Insertion Loss (dB) | 0.2 | 0.25 | 0.25 | -- | -- | - | |
| Insertion Loss (dB) | ≤0.25 | ≤0.3 | ≤0.4 | ≤1.0 | ≤1.0 | ≤1.0 | ≤0.3 |
| Return loss(dB) | ≥60 | ≥60 | ≥55 | ≥55 | ≥55 | ≥55 | ≥35 |
| PDL (dB) | ≤0.02 | ≤0.02 | ≤0.02 | ≤0.02 | ≤0.02 | ≤0.02 | -- |
| Optical Power (mW) | ≤500 | ≤300 | ≤300 | ≤300 | ≤300 | ≤300 | ≤500 |
| Fiber Type | SMF-28e Ultra | HI1060 | HI780 | Nufern 630HP | Nufern 460HP | Nufern 460HP | 50/125 or 62.5 or 105/125 |
| Dimension (mm) | 1.8(OD) | 3.2x10 Au-plate SUS Tube or SUS Tube or 2.78x9.0 Glass tube | | | | | |
| | 1.0(OD) | 1.4x7mm Glass tube or 1.8x7mm Au-Plate SUS Tube | | | | | |
| Operating Temperature(°C) | -5 ~ +70 | | | | | | |
| Storage Temperature(°C) | -40~ + 85 | | | | | | |

Package Dimension(mm)



Ordering Information

| CL | Type | Wavelength | Lens Diameter | Lens Type | Working Distance | Pigtail Type | Fiber Type | Length | Connector | Package |
|----|--------------------------------|--|----------------------------|------------------------|---------------------|--|---|-----------------|---|---|
| | S=Single fiber D=Dual fiber | 488=488 532=532 635=635 780=780 850=850 980=980 1064=1064 4 1310=1310 0 1550=1550 0 | 8=1.8m m 1=1.0m m | C= C lens G= G lens | 5=5mm, X=Specify | 0=250um bare fiber 1=900um loose tube | 1=SMF-28e 4= HI1060 2=50/125 3=62.5/125 X=Other | 1=1m X=Other | NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC LC=LC/UPC LA=LC/APC XX=Other | 32=3.2x10 Au 27=2.78x9G 18=1.8x7 14=1.4x8 33=3.2x10mm SUS tube |