

Optizone 850nm, 980nm & 1064nm Fiber Collimator

Features

- High Extinction Ratio
- Low Insertion
- High Return Loss

Applications

Fiber Optics Components

Specifications

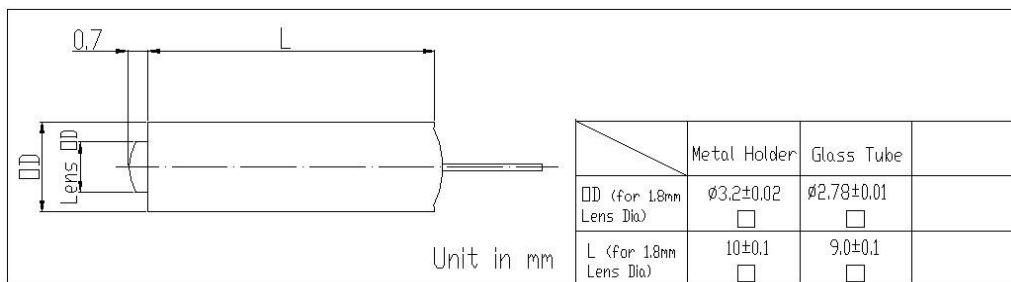
Parameters	Unit	Values		
Center Wavelength	nm	850	980	1064
Operating Wavelength Range	nm	±20	±20	±30
Working Distance	mm	5	5	5
Typ. Insertion Loss at 5mm	dB	0.3	0.25	0.25
Max. Insertion Loss at 5mm	dB	0.35	0.3	0.3
Min. Return Loss	dB	55	55	60
Max. PDL	dB	0.02		
Max. Optical Power (CW)	mW	300		
Max. Tensile 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 0.5dB higher and RL will be 5dB lower.

*The material must be RoHS compliant.

Package Dimensions



Ordering Information

C-①-②-③-④-⑤-⑥⑥-⑦⑦-⑧-⑨-⑩-⑪⑪-⑫

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|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| ①: Wavelength
850 - 850nm
980 - 980nm
1064 - 1064nm
S - Specify | ④: Lens Type
G - Grin Lens
C - C Lens | ⑦⑦: Fiber Jacket
B - Bare Fiber
F - 900um White Loose Tube
S - Specify | ⑪⑪: Package Type
88 - ∅1.4x9 Glass
51 - ∅2.78x9 Glass
89 - ∅1.8x10
40 - ∅3.2x10
34 - ∅3.2x14
S - Specify |
| ②: Pigtail Type
S - Single Fiber Pigtail
D - Dual Fiber Pigtail | ⑤: Working Distance
1 - 5mm
S - Specify | ⑧: Fiber Type
5 - HI 780
6 - HI 1060
S - Specify | ⑫: Nominal Beam Diameter
0.5 - 0.5mm
S - Specify |
| ③: Lens Diameter
1 - 1.8mm
2 - 1.0mm (for Single Fiber only)
S - Specify | ⑥⑥: Connector Type
1B - FC/UPC
2B - FC/APC (Step)
3D - SC/UPC
4D - SC/APC (Step)
N - None
S - Specify | ⑨: Fiber Orientation
O - O Type (for Single Fiber)
V - Vertical (for Dual Fiber) | |
| | | ⑩: Fiber Length
0.8 - 0.8m
S - Specify | |

