

RC Fiber Collimator

Features

- Low Insertion Loss
- High Return Loss
- Compact Size
- Epoxy-Free in Optical Path

Applications

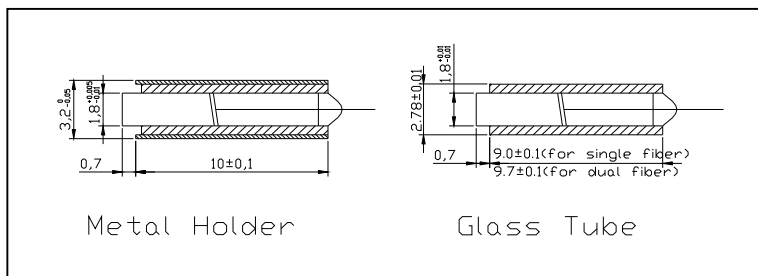
- Fiber Components
- Research
- Fiber Sensors
- Compact Optical Circuits

Specifications

Parameters	Unit	Values	
		Single Fiber	Dual Fiber
Center Wavelength (λ_c)	nm	1550	
Operating Wavelength Range	nm	± 20	
Working Distance	mm	5	
Typ. Insertion Loss at 5mm WD	dB	0.55	0.6
Max. Insertion Loss at 5mm WD	dB	0.70	0.75
Min. Return Loss	dB	55	
Max. PDL at 23°C, λ_c	dB	0.05	
Max. Optical Power (CW)	mW	300	
Max. Tensile Load	N	5	
Fiber Type		RC 1550 Fiber	
Operating Temperature	°C	-5 to +70	
Storage Temperature	°C	-40 to +85	

*Above specifications are for device without connector.

Package Dimensions



Ordering Information

RCC-①①-②-③-④-⑤⑤-⑥⑥-⑦-⑧

①①: Wavelength
55 - 1550nm
S - Specify

④: Working Distance
1 - 5mm
S - Specify

⑦: Fiber Length
1.5 - 1.5m
S - Specify

②: Pigtail Type
S - Single Fiber
D - Dual Fiber

⑤⑤: Connector Type
N - None

⑧: Package Type
1 - Metal Holder
2 - Glass Tube

③: Lens Diameter
1 - 1.8mm
S - Specify

⑥⑥: Fiber Jacket
B - 170um Bare Fiber
L - 900um Loose Tube
S - Specify