



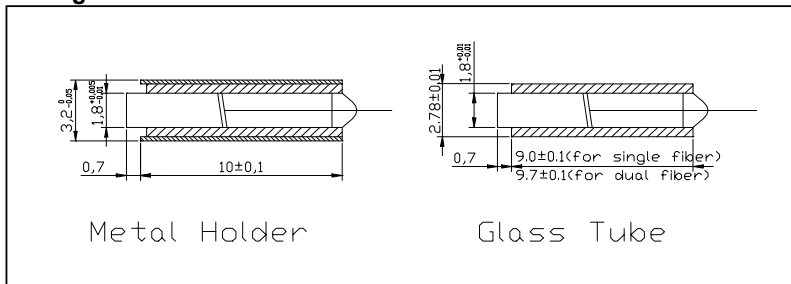
Polarization Maintaining RC Fiber Collimator (PMRCC Series)

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

Parameters	Unit	Specifications	
		Single Fiber	Dual Fiber
Center Wavelength	nm	1550	
Operating Wavelength Range	nm	±20	
Working Distance	mm	5 or Specify	
Typ. Insertion Loss @ 5mm	dB	0.25	0.25
Max. Insertion Loss @ 5mm	dB	0.3	0.3
Typ. Extinction Ratio	dB	25	
Mini. Extinction Ratio	dB	20	
Mini. Return Loss	dB	55	
Tensile Load	N	5	
Fiber Type		RC PM 1550 Panda Fiber or specify	
Operating Temperature	℃	-5 to +70	
Storage Temperature	℃	-40 to +85	

*Above specifications are for device without connector. PM fiber & connector key are aligned to the slow axis.

Package Dimensions



Ordering Information

PMRCC-①-②-③-④-⑤-⑥-⑦-⑧-⑨

①: Lens Diameter

1 - 1.8mm

S - Specify

⑥: Connector Type

N - None

⑨: Fiber Length

C-1.5m

S- Specify

②: Pigtail Type

1 - Single fiber pigtail

2 - Dual fiber pigtail

S - Specify

⑦: Fiber Type

B - 170um bare fiber

L - 900um loose tube

S - Specify

③: Center Wavelength

1 - 1550nm

S - Specify

⑧: Slow Axis Orientation

O - For single fiber collimator

I, H, T - For Dual fiber collimator(refer to figure)

S - Specify

④: Package Type

1 - Metal holder

2 - Glass tube

⑤: Working Distance

1 - 5 mm

S - Specify

Figure for Slow axis orientation

