

## Polarization Maintaining Fiber Collimator (DL-PMC-Q-R-SS-T-U-V-W-X-Y-Z)

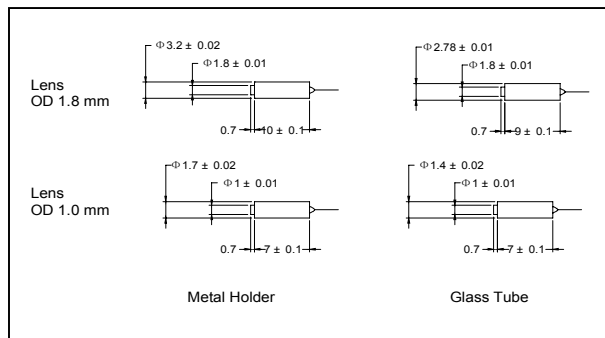
The PM Fiber Collimator is needed for manufacturing of in-line PM fiber optics components, such as PM isolator and PM FWDM. Special processing and high quality AR coating enabled this collimator to handle high power as well as providing high extinction ratio, low insertion and high return loss operation.

### A. Specifications

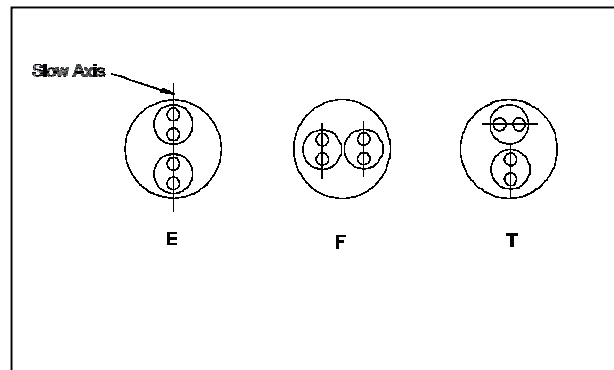
Parameter	Value	Unit
Center Wavelength ( $\lambda_c$ )	1310, 1550 or specify	nm
Operating Wavelength Range	$\lambda_c \pm 30$	nm
Working Distance	5 or specify	mm
Max. Insertion Loss	0.25	dB
Min. Extinction Ratio	23	dB
Min. Return Loss	60	dB
Operating Temperature	-5 to +70	°C
Storage Temperature	-40 to +85	°C

\*IL is 0.3 dB higher, RL is 5 dB lower, and ER is 2 dB lower for each connector added. Connector key is aligned to slow axis.

### B. Package Dimensions



### C. Slow Axis Orientation



### D. Ordering Information

#### DL-PMC-Q-R-SS-T-U-V-W-X-Y-Z

Q: Lens Diameter	R: Pigtail Type	S: Wavelength	T: Holder Type	U: Working Distance
1 - 1.8 mm	1 - Single fiber pigtail	31 - 1310 nm	1 - Metal holder	1 - 5 mm
2 - 1.0 mm	2 - Dual fiber pigtail	55 - 1550 nm	2 - Glass tube	S - Specify
S - Specify	S - Specify	SS - Specify		
V: Connector Type	W: Fiber Type(PM Panda)	X: Slow Axis Orientation	Y: Fiber Length	
1 - FC/UPC	B - 250 $\mu$ m bare fiber	O - For single fiber collimator	C - 1.5 m	
2 - FC/APC	D - 400 $\mu$ m bare fiber	E, F, T - For dual fiber collimator	S - Specify	
3 - SC/UPC	L - 900 $\mu$ m loose tube	S - Specify		
4 - SC/APC	S - Specify		Z: Lens Type	
N - None			G - Grin lens	