

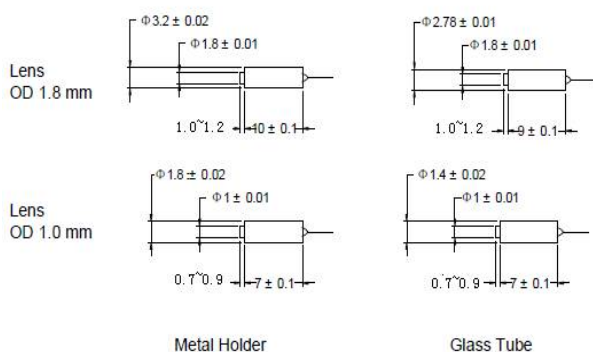
PM Fiber Collimator

Features	
High Extinction Ratio Low Insertion Loss High Reliability	
Application	
PM Isolator, Circulator, FWDM Fiber Laser	

Specifications

Parameter		Value				
Operating Wavelength (nm)		1310, 1550	980, 1064	780,850	488,532, 635	2000
Bandwidth(nm)		±30	±20	±20	±20	±30
Working Distance(mm)		5, 10 , 20,50,100 or specify				
Typ Insertion Loss (dB)		0.2	0.35	0.40	0.40	0.25
Insertion Loss (dB)		≤0.25	≤0.40	≤0.60	≤0.80	≤0.30
Extinction Ratio (dB)		≥23	≥23	≥23	≥23	≥23
Return Loss(dB)		≥60	≥60	≥60	≥60	≥60
Optical Power (mW)		≤500	≤300	≤300	≤300	≤500
Fiber Type		Panda Fiber				
Package Dimensions(mm)	1.8(OD) Lens	3.2x10(Metal holder) or 2.78x9.0 (Glass tube)				
	1.0(OD) Lens	1.8x7(Metal holder) or 1.4x 7 (Glass tube)				
Operating Temperature(°C)		-5 ~ +70	-5 ~ +50			
Storage Temperature(°C)		-40~ + 85				

For device with connector, insertion loss is 0.3dB higher, return loss is 5dB lower, extinction ratio is 2dB lower.
The default connector key is aligned to slow axis



Ordering Information

PMCL	Configuration	Wavelength	Lens Diameter	Lens	Working Distance	Pigtail Type	Fiber Type	Length	Connector	Package
	S=Single fiber pigtail; D=Dual fiber pigtail	488 532 635 780 850 980 1064 1310 1550 2000	1.8mm 1.0mm	C=C lens G=G Lens	5=5mm, X=Specify	0=250um bare fiber 1=900um loose tube	5=Panda fiber	1m	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC XX=Other	32=3.2x9 27=2.78x9 18=1.8x7 14=1.4x7 S=Customize tube