

POLARIZATION MAINTAINING (PM) - FIBER COLLIMATOR (1310, 1550nm)

Specifications

Contact Ascentta with your custom specification needs.

Parameter	Unit	Single Fiber (Transmission)	Dual Fiber Transmission Type			Dual Fiber Reflection Type	
Wavelength	nm	1310, or 1550	1310, or 1550			1310, or 1550	
Bandwidth	nm	+/-30	+/-30			+/-30	
Working Distance	mm	5	5-10	11-30	31-50	G Lens: 0, C Lens: 2.4	
Insertion Loss (23°C)	Typ.	dB	0.20	0.20	0.25	0.30	0.20
	Max	dB	0.25	0.25	0.35	0.40	0.25
Extinction Ratio (23°C)	Min	dB	23	20			20
Return Loss (23°C)	Min	dB	60	55			55
Optical Power Handling	Max	mW	300	300			300
Operating Temperature	°C	-5 to +70	-5 to +70			-5 to +70	
Storage Temperature	°C	-40 to +85	-40 to +85			40 to +85	

* The above specifications are for parts without connectors. Adding connectors can affect the IL, RL, & ER.

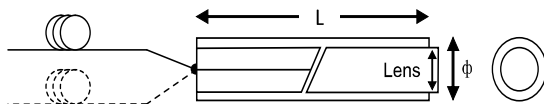
* Connector key is aligned to slow axis.

Ordering Information

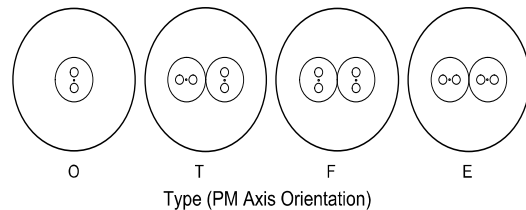
Contact Ascentta with your custom configuration needs.

PMCL	Type (PM Axis Orientation)	Wavelength	Lens Diameter	Package Type	Working Type	Working Distance	Fiber Type	Fiber Length	Lens	Connector
PMCL	See Diagram	00=No AR Coating	10=1.0mm (Single Fiber Only)	M=Metal Holder	T=Transmission Type	05=5mm 10=10mm 20=20mm	PMB=PM Panda, 250um	10=1.0m 15=1.5m 18=1.8m	G=GRIN Lens	NE=None FC=FC/PC FA=FC/APC LC=LC/PC LA=LC/APC SC=SC/PC SA=SC/APC ST=ST/PC X=Other
	O=Single Fiber	13=1310nm 15=1550nm	18=1.8mm	G=Glass Tube	R=Reflection Type (Dual Fiber Only)	X= Other	PMO=PM Panda, 400um	20=2.0m 28=2.8m 30=3.0m	C=C Lens	
	T = Dual Fiber T Type	X=other	X=Other				PML=PM Panda, 900um	X=Other		
	F = Dual Fiber F Type						X - Other			
	E = Dual Fiber E Type									

Product Diagram



Lens Diameter	Metal Holder	Glass Tube
1.8mm	Φ3.2 × L10	Φ2.78 × L9
1.0mm (Single Fiber Only)	Φ1.7 × L7	Φ1.8 × L6



Contact Ascentta for all your custom design needs.