

## High Power Polarization Maintaining Fiber Collimator

<b>Features:</b>
High ER High Reliability High Power
<b>Application:</b>
PM Isolator, Circulator, FWDM etc Fiber Laser

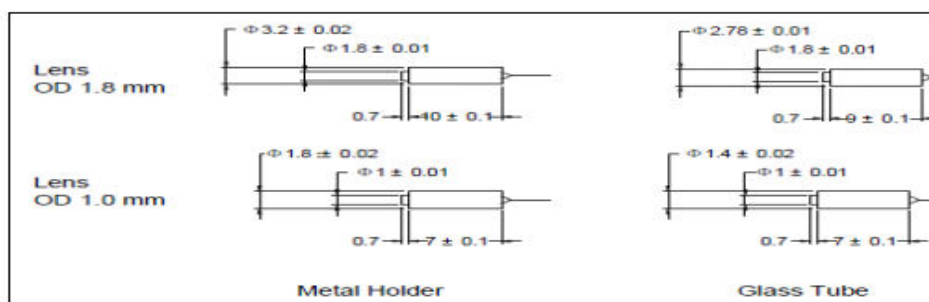
**Specifications:**

Parameter	Value			
Operating Wavelength(nm)	1310, 1450,1480,1550	980, 1030,1064	850	780
Bandwidth(nm)	±30	±20	±20	±20
Working Distance(mm)	05,10,20,30,40,50			
Typ Insertion Loss (dB)	0.20	0.25	0.30	0.35
Insertion Loss (dB)	≤0.30	≤0.35	≤0.45	≤0.50
Extinction Ratio (dB)	≥23	≥23	≥22	≥22
Return Loss(dB)	≥60	≥60	≥60	≥60
Optical Power (W)	1,2,3,5,10 or Specify			
Fiber Type (Panda Fiber)	PM1550 or PM1310	PM980	PM850	PM850
Package Dimensions(mm)	1.8(OD) Lens	3.2x10 Metal holder (P1) or 2.78x8.0 Glass tube (P2)		
	1.0(OD) Lens	1.8x7 Metal holder (P3) or 1.4x 7 Glass tube (P4)		
Operating Temperature(°C)	-5 ~ +70			
Storage Temperature(°C)	-40~ + 85			

\*For device with connector, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower.

\*The default connector key is aligned to slow axis. the max handling power will be only 1W guaranteed.

**Packing Dimensions:**



**Ordering Information:**

HPMC	Wavelength	Lens Type	Working Distance	Package Dimensions	Configuration	Fiber core Spacing	Power	Pigtail Type	Length	Connector
	78=780nm	C=C	1=5mm	1=P1(3.2x10	S=Single	N=N/A(on	1=1W	1=250um	H=0.5m	0=None
	85=850nm	Lens	2=10mm	Metal holder)	fiber	ly for	2=2W	bare fiber	8=0.8m	1=FC/UPC
	98=980nm	G=G	3=20mm	2=P2(2.78x9.	D=Dual	Single	3=3W	2=900um	1=1.0m	2=FC/APC
	03=1030nm	Lens	4= 30mm	0Glass tube)	fibe	Fiber)	4=4W	loose tube	5=1.5m	3=SC/APC
	06=1064nm		5= 50mm	3=P3(1.8x7M		0=125um	5=5W	3=3mm	2=2.0m	4=SC/UPC
	31=1310nm			etal holder)		1=143um	A=10W	loose tube	3=3.0m	5=MU
	45=1450nm			4=P4(1.4x7Gl			B=20W	4=2mm	A=2.5m	6=LC/UPC
	55=1550nm			ass tube)			S=Specif	loose tube	S=Speci	7=LC/APC
				S=Specify			y		S=Speci	S=Specify