

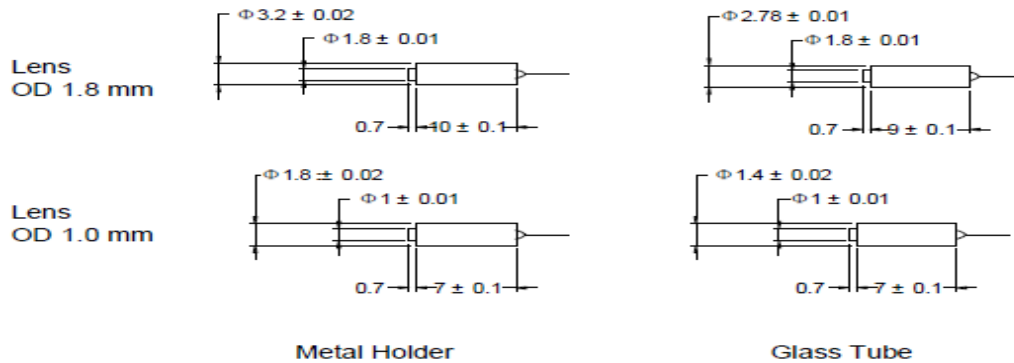
High Power Fiber Collimator

Features	
Low IL & PDL High Reliability High Power	
Application	
PM Isolator, Circulator, FWDM etc Fiber Laser	

Specifications:

Parameter		Value		
Operating Wavelength(nm)		1310, 1550	980, 1064	850
Bandwidth(nm)		±30	±20	±20
Working Distance(mm)		05,10,20,50		
Typ Insertion Loss (dB)		0.25	0.30	0.35
Insertion Loss (dB)		≤0.30	≤0.35	0.40
PDL (dB)		≤0.02	≤0.02	≤0.02
Return Loss(dB)		≥60	≥60	≥60
Optical Power (W)		1,2,3,5,10		
Fiber Type (Panda Fiber)		SMF-28e	HI1060	HI780
Package Dimensions(mm)	1.8(OD) Lens	3.2x10 Metal holder (P1) or 2.78x9.0 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,


Ordering Information

HCOL	Wavelength	Lens Type	Working Distance	Package Dimensions	Configuration	Fiber core Spacing	Power	Pigtail Type	Length	Connector
	85=850nm 98=980nm 06=1064nm 31=1310nm 55=1550nm	C=C Lens G=G Lens	1=5mm 2=10mm 3=20mm 4=30mm 5=50mm	1=P1(3.2x10 Metal holder) 2=P2(2.78x9.0 Glass tube) 3=P3(1.8x7 Metal holder) 4=P4(1.4x7 Glass tube)	S=Single fiber D=Dual fiber	N=N/A(only for Single Fiber) 0=125um 1=143um	1=1W 2=2W 3=3W 5=5W A=10W	1=250um bare fiber 2=900um loose tube	H=0.5m 8=0.8m 1=1.0m 5=1.5m 2=2.0m 3=3.0m 4=4.0m A=2.5m B=5.0m	0=None 1=FC/UPC 2=FC/APC 3=LC/UPC 4=LC/APC 5=SC/APC 6=SC/UPC