

Single/Dual Fiber Collimator

Features:

Low IL & High Return Loss
Epoxy Free In Optical Path
Environmental Stability

Application:

Isolator, Circulator, FWDM, CWDM etc

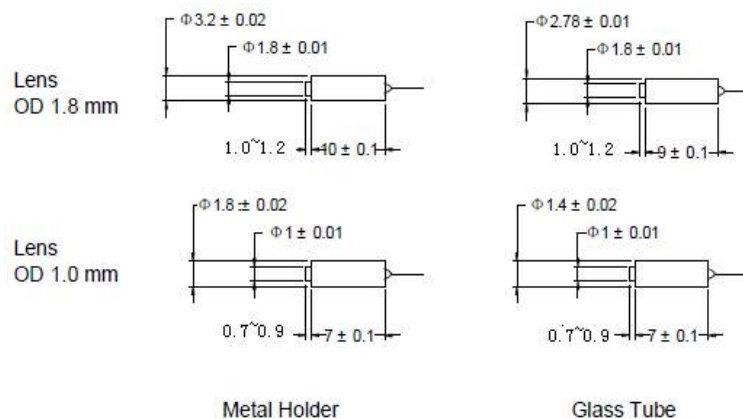
Specifications:

Parameter		Value			
Operating wavelength(nm)		1310, 1550 or 1310/1550	1064/1050nm	980	780,850
Bandwidth(nm)		±30	±30	±20	±20
Working Distance (One pair of matching) (mm)		≤50			
Typ Insertion Loss (dB)		0.2	0.25	0.25	0.25
Insertion Loss (dB)		≤0.25	≤0.3	≤0.3	≤0.35
Return loss(dB)		≥60	≥60	≥55	≥55
PDL (dB)		≤0.02	≤0.02	≤0.02	≤0.02
Optical Power (mW)		≤500	≤300	≤300	≤300
Fiber Type		SMF28e	HI1060	HI1060	HI780
Dimension (mm)	1.8(OD) Lens	3.2x10 SUS304 or SUS304-Au Gold (P1) ; 2.78x9.0 Glass tube(P2);			
	1.0(OD) Lens (only 1310,1550nm)	1.8x7mm or 2.4x10mm SUS304 or SUS304-Au Gold (P3); 1.4x 7mm Glass tube(P4)			
Operating Temperature(°C)		-5 ~ +70			
Storage Temperature(°C)		-40~ + 85			

*Above specifications are for devices without the connectors.

*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower

Packing Dimensions:



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Ordering Information:

COL	Wavelength	Lens Type	Configuration	Working Distance	Package	Pigtail Type	Length	Connector
COL	0780=780nm	C=C	S=Single	05=5mm	1=P1(1.40x7G)	1=250um	H=0.5m	0=None
FOC	0850=850nm	Lens	fiber	10=10mm	2=P2(1.80x7G)	bare fiber	8=0.8m	1=FC/UPC
	0980=980nm	G=G	D=Dual	20=20mm	3=P3(1.80x7M)	2=900um	1=1.0m	2=FC/APC
	1064=1064nm	Lens	fiber	30=30mm	4=P4(2.78x9G)	loose tube	5=1.5m	3=SC/APC
	1050=1050nm			40=40mm	5=P5(2.78x10G)	3=3mm	2=2.0m	4=SC/UPC
	1310=1310nm			50=50mm	5=P5(2.40x10M)	loose tube	3=3.0m	5=MU
	1550=1550nm				6=P6(3.20x10M)	4=2mm	4=4.0m	6=LC/UPC
	5531=1310/1550nm				7=P7(3.20x10A)	loose tube	A=2.5m	7=LC/APC
					8=P8(2.4x10A)	S=Specify	B=5.0m	S=Specify
					M=SUS304		S=Specify	
					A=SUS304			
					Au-Gold			
					S=Specify			