

Single/Dual Fiber Collimator

Features:

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

Application:

Fiber Micro Components
Fiber laser

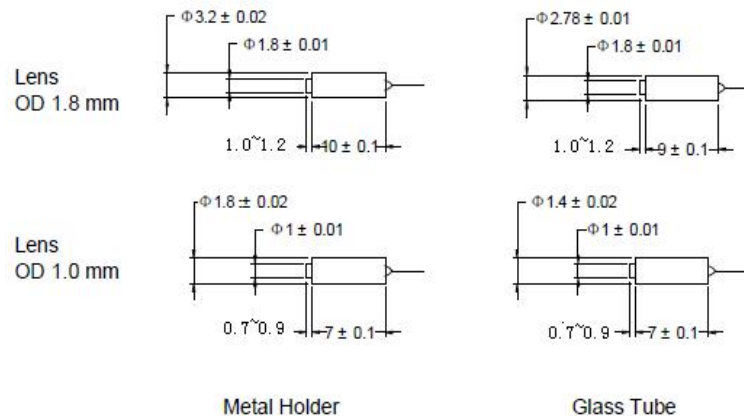
Specifications:

Parameter		Value						
Operating wavelength(nm)		1310, 1550 or 1310/1550	1064/980	850/780	630	532	480	1950, 2000
Bandwidth(nm)		±30	±20	±20	±20	±20	±20	±30
Working Distance(mm)		5-20						
Insertion Loss (dB)		≤0.25	≤0.3	≤0.4	≤0.7	≤0.8	≤1.2	≤0.25
Return loss(dB)		≥60	≥60	≥55	≥55	≥55	≥55	≥60
PDL (dB)		≤0.02	≤0.02	≤0.02	≤0.02	≤0.02	≤0.02	≤0.02
Optical Power (mW)		≤500	≤300	≤300	≤300	≤300	≤300	≤500
Fiber Type		SMF28e	HI1060	HP780	HP630	HP460	HP460	HP1950 SMF-28e
Dimension (mm)	1.8(OD)	3.2x10 SUS (P1) ; 2.78x9.0 Glass tube(P2);						
	1.0(OD)	1.8x7mm SUS (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:



Ordering Information:

COL	Wavelength	Lens Type	Configuration	Working Distance	Package	Pigtail Type	Length	Connector
COL	0450=450 0532=532 0630=630 0850=850nm 0980=980nm 1064=1064nm 1310=1310nm 1550=1550nm 5531=1310/1550nm	C=C Lens G=G Lens	S=Single fiber D=Dual fiber	05=5mm 10=10mm 20=20mm XX=specify	1=P1(1.40x7G) 2=P2(1.80x7G) 3=P3(1.80x7M) 4=P4(2.78x9G) 5=P5(2.78x10G) 5=P5(2.40x10M) 6=P6(3.20x10M) PS: Unit: mm G=Glass tube M=Metal holder	1=250um bare fiber 2=900um loose tube	H=0.5m 8=0.8m 1=1.0m	0=None 1=FC/UPC 2=FC/APC 3=SC/APC 4=SC/UPC 6=LC/UPC 7=LC/APC