


Single/Dual Fiber Collimator

Features	
Low IL & High Return Loss Epoxy Free In Optical Path Environmental Stability	
Application	
Isolator, Circulator, FWDM, CWDM etc	

Specification

Parameter		Value			
Operating wavelength(nm)		1310, 1550,	1064	980	850
Bandwidth(nm)		±30	±30	±20	±20
Working Distance(mm)		5 or specify			
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 Metal holder or 2.78x9.0 Glass tube			
	1.0(OD) Lens (only 1310,1550nm)	1.8x7mm Metal holder or 1.4x 8mm Glass tube			
Operating Temperature(°C)		-5 ~ +70			
Storage Temperature(°C)		-40~ + 85			

Ordering Information

CL	Type	Wavelength	Lens Diameter	Working Distance	Pigtail Type	Fiber Type	Length	Connector	Package
	S=Single fiber pigtail; D=Dual fiber pigtail	850 980 1064 1310 1550	1.8mm 1.0mm	5=5mm, X=Specify	250=250um bare fiber 900=900um loose tube	1=SMF-28e 4= HI1060 X=Other	1=1m X=Other	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC LC=LC/UPC LA=LC/APC XX=Other	3.2x10 2.78x9 1.8x7 1.4x8