

FIBER COLLIMATOR

Specifications

Parameter	Unit	Value	
Central Wavelength	nm	1310,1550	
Spectral Bandwidth	nm	>±30	
Insertion Loss (23°C, λc±30nm)	Single Fiber Collimator	dB	Typ. 0.15, Max 0.2
	Dual Fiber Collimator	dB	Typ. 0.3, Max 0.35
Return Loss	dB	>60	
Acceptance Angle	Degree	< 0.15	
Beam Divergence	Degree	< 0.25	
Beam Diameter	mm	< 0.5	
Optical Power	mW	300	
Tensile Load	N	<5	
Operating Temperature	°C	-20 to +70	
Storage Temperature	°C	-40 to +85	
Working Distance	mm	≤100	
Standard Dimension	mm	φ3.2 × L9.5	

Ordering Information

CL	Type	Wavelength	External Dimensions	Package Type	Working Distance	Fiber Type	Fiber Length	Lens	Connector
CL	S=Single Fiber	00=No AR Coating 98=980nm	A=3.20*9.5mm B=2.78*9.0mm	M=Metal Holder	05=5mm 10=10mm 20=20mm	B=SMF-28, 250um	10=1.0m 15=1.5m	G=G Lens	NE=None FA=FC/APC
	DT=Dual Fiber T Type	10=1060n 13=1310nm 14=1480nm	C=2.40*9.0mm D=1.40*6.5mm E=1.27* 6.5mm	G=Glass Tube	...	L= SMF-28, 900um	18=1.8m 20=2.0m 28=2.8m 30=3.0m	C=C Lens	FC=FC/PC SA=SC/APC SC=SC/PC
	DH=Dual Fiber H Type	15=1550nm 35=1310/1550nm 95=980/1550nm XX=Others	X=Others		70=70mm XX=Others	X=Others	XX=Others		ST=ST/PC LA=LC/APC LC=LC/PC XX=Others