

Single Fiber Collimator

1. Description:

Single fiber collimator by tail fiber and self-focusing lens accurate positioning. It can be transmitted to the optical fiber into a collimating light (parallel light), or parallel to the outside world (approximate parallel) coupled to a single-mode optical fiber in the light.

2. Features:

- ◆ Low Insertion Loss
- ◆ High Return Loss
- ◆ High Reliability and Stability

3. Applications:

- ◆ Fiber optic experiments
- ◆ Laser beam collimation
- ◆ Fiber to fiber coupling
- ◆ Micro Optical Components

4. Specifications:

Parameter	Grade P	Grade A
Operating Wavelength (nm)	1310±30nm, 1550±30nm, 1310/1550±30nm, 980/1550±30nm ,Others on request	
IL (dB)	≤0.20	≤0.25
RL (dB)	≥65	≥60
Power Handling (mW)	≤500	
Beam Diameter (mm)	< 0.5	
Operating Temperature (°C)	-20°C~+75°C	
Storage Temperature (°C)	-40°C~+85°C	
Dimension (mm)	φ3.2×L9 or L10 Mental; φ2.78×L8.5 glass	

Note: Working distance is 10 mm.

5. Order Information:

Lens Type	Operating Wavelength	Grade	Work Distance	Pigtail Type	Fiber Length	Dimension	Fiber Type	Connector
CL=C-Lens Type, GL=G-Lens Type	13=1310nm 14=1480nm 15=1550nm 35=1310/1550nm	↓	05=5mm WD 06=6mm WD 70=70mm WD	↓	A=1.0m B=1.5m C=2.0m S=Special	↓	0=SMF-28 1=Corning Flexcore 2=50/125μm 3=62.5/125μm 4=100/140μm	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC
		P= Grade P A= Grade A		B=250um L=900um		A=3.2×9 or 10mm Mental; B=2.4×10mm Mental; C=2.78×8.5mm Glass D=1.3×8mm Mental φ1mm G-lens, C-lens COLL		



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				E=1.8×8mm Mental φ1mm G-lens, C-lens COLL
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