

Fiber Collimator

Features

- Low insertion Loss
- Low back reflection
- Small Beam divergence
- Miniature in size
- Light weight
- Singlemode or multimode application
- Environmentally stable

Applications

- Optical devices
- Optical switching
- Fiber sensing
- Testing equipment



Specifications

ITEM	VALUES		
	Singlemode	Multimode	
Mode Type	Singlemode	Multimode	
Wavelength, nm	1310 or 1550	850	1310
Spectral Width, nm	$\geq \pm 30$		
Typical Insertion Loss, dB	0.2	0.6	0.8
Maximal Insertion Loss, dB	0.3	0.8	1.0
Return Loss, dB	≥ 55	---	
Beam Divergence, deg.	≤ 0.25	≤ 1	
Acceptance angel, deg.	≤ 0.15	≤ 1	
Beam offset angle, deg.	≤ 1		
Beam Diameter, mm	≤ 0.5	≤ 1	
Working Distance, cm	0.5~1.5		
Operation Temperature, °C	-20°C ~ 60°C		

Fiber Collimator Ordering information

FC

XX

XX

XX

X

XX

XXX(cm)

Connector
 11-ST
 21-FC/PC
 22-FC/APC
 31-SC/PC
 32-SC/APC
 41-LC/PC
 51-MU/PC
 00-None
 XX-Others

Pigtail length
 050- 50cm
 100- 100cm
 150- 150cm
 200- 200cm
 XXX-Others

Fiber type
 S-Singlemode fiber
 2-corning 50/125um
 3-corning 62.5/125um
 X-Others

Wavelength
 31-1310 nm
 55-1550 nm
 85-850 nm (Multimode only)
 XX-Other

Package
 01- w / metal tube
 02- w / o metal tube

Cable type
 01-coated fiber(250um)
 02-loose tube
 XX-Others

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