

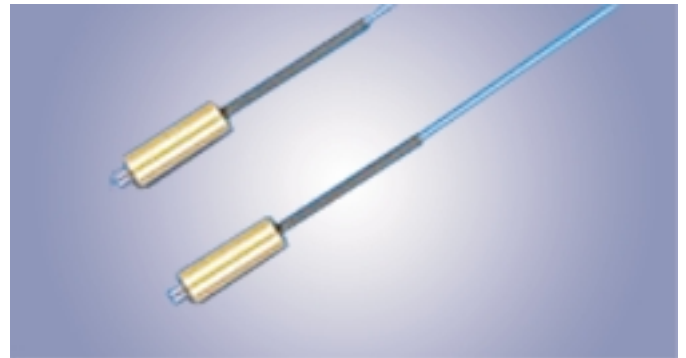


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Fiber Optic Collimators

(Wavelength: 1030nm)

Fiber Optic Collimator is designed to focus the light exiting a fiber to a specific beam diameter or spot size. It can be used in various active and passive optical components including fiber optic sensors, Erbium-doped fiber amplifiers (EDFAs), dense wavelength division multiplexer (DWDM), circulators and isolators.



Types

- Single-Mode Fiber Collimators
- Polarization Maintaining Fiber Collimators

Applications

- EDFAs, DWDM
- Fiber Optic Sensors
- Photonic Switches
- Isolators
- Circulators
- Couplers
- Test & Measurement System

Features

- Low Insertion Loss
- Low Polarization Dependence Loss
- High Extinction Ratio (for PM Collimators)
- Excellent Return Loss
- Wide Bandwidth
- Long Working Distance
- Environmentally Stable



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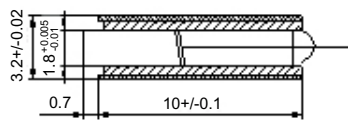
SPECIFICATIONS

Polarization Maintaining Fiber Collimators (1030nm)

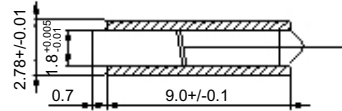
Parameter	Values	Units
Center Wavelength	1030	nm
Spectral Bandwidth	+/- 10	nm
Working Distance	5 or Specify	mm
Insertion Loss	0.35(Typ), 0.40(Max)	dB
Extinction Ratio	25(Typ), 22(Min)	dB
Min. Return Loss	55	dB
Handling Power	300	mW
Tensile Load	5	N
Fiber Type	PM 980 Panda Fiber	--
Operating Temperature	-5 to +70	°C
Storage Temperature	-40 to +85	°C

*Above specifications are for device without connectors.

PACKAGE DIMENSIONS



Metal Holder (Units in mm)



Glass Tube (Units in mm)

ORDERING CODES

Polarization Maintaining Fiber Collimators:

OLCOL - P - [] - [] - [] - [] - []

Fiber Number	Code
Single Fiber	S

Wavelength	Code
1030 nm	103
Specify	XX

Fiber Diameter	Code
250 μm	25
900 μm	90

Working Distance	Code
5mm	5
Specify	X

Connector Type	Code
No Connector	NC
FC/UPC	FU
SC/UPC	SU
FC/APC	FA
SC/APC	SA
Others	XX

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