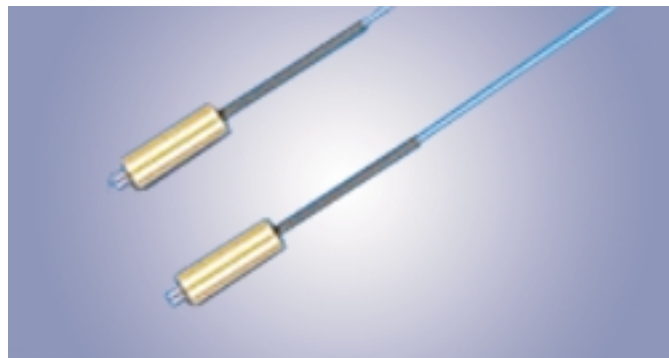




Fiber Optic Collimators

(Wavelength: 850nm)

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

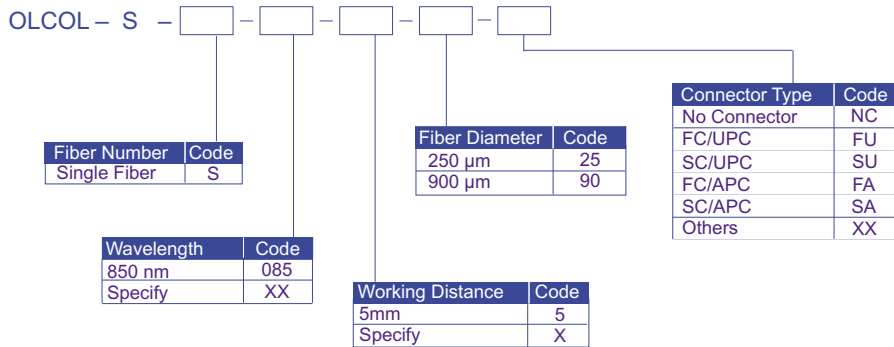
Single Mode Fiber Collimators (850nm)

Parameter	Values	Units
Center Wavelength	850	nm
Spectral Bandwidth	+/- 30	nm
Working Distance	5 or Specify	mm
Max. Insertion Loss	0.55	dB
Min. Return Loss	50	dB
Beam Diameter	0.5	mm
Fiber Type	HI 780 Fiber	--
Fiber Length	1.5 or Specify	m
Operating Temperature	-5 to +70	°C
Storage Temperature	-40 to +85	°C
Dimensions	Ø3.2 x 10	mm

*Above specifications are for device without connectors.

ORDERING CODES

Single Mode Fiber Collimators:



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Tel: +852 2480-6106 Fax: +852 2480-1621 Email: contact@optolinkcorp.com Website: www.optolinkcorp.com