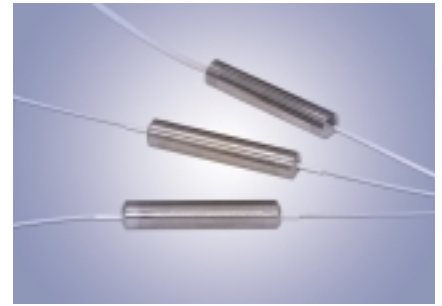




# Polarization Independent Isolators

(Wavelength: 1060nm)

Fiber Optic Isolator allows light to travel through a fiber in one direction only. It minimizes back reflection and back scattering in the reverse direction for any state of polarization. The device has an epoxy-free optical path and provides high isolation with low polarization dependent loss over the operating wavelength range.



## Applications

- DWDM Systems
- Fiber Optic Sensors
- EDFA
- CATV
- Laser Diode Package

## Features

- High Isolation
- Low PDL
- Environmentally Stable

## SPECIFICATIONS

High Power Polarization Independent Isolators (1060nm)

Parameter	Single Stage	Units
Center Wavelength	1060	nm
Max. PDL at 23°C	0.15	dB
Typ. Peak Isolation	32	dB
Min. Isolation at 23°C; +/-5nm, all polarization states	25	dB
Typ. Insertion Loss at 23°C	1.2	dB
Max. Insertion Loss at 23°C	1.8	dB
Min. Return Loss (Input/Output)	50/50	dB
Max. Average Optical Power	1000	mW
Max. Peak Power for ns	5	kW
Max. Tensile Load	5	N
Fiber Type	Coractive MM-13.5/125	--
Operating Temperature	0 to +50	°C
Storage Temperature	-10 to+75	°C

\*Above specifications are for device without connector.

## ORDERING INFORMATION

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Type and Wavelength	Code	Fiber Type	Code	Fiber Length	Code	Connector Type	Code
1060 nm	106	250um bare fiber	25	1m	1	FC/UPC	FU
Specify	XX	900um loose tube	90	Specify	XX	FC/APC	FA
		Specify	XX			SC/UPC	SU
						SC/APC	SA
						No Connector	NC
						Specify	XX

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