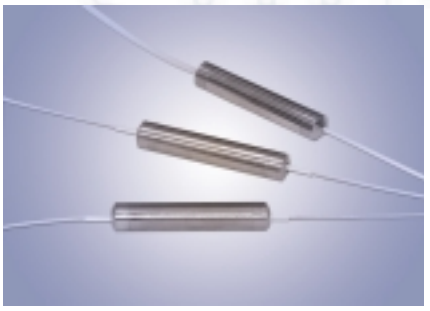
Opto-Link
Corporation Ltd

Polarization Maintaining Isolators

(Wavelength: 1030nm)

The Polarization Maintaining (PM) Optical 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 return loss, high extinction ratio, high isolation with low insertion loss over a wide wavelength range and excellent environmental stability and reliability.



Applications

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

Features

- High Isolation
- High Extinction Ratio
- Environmentally Stable

SPECIFICATIONS

High Power Polarization Maintaining Isolators (1030nm)

Parameter	Single Stage	Units
Center Wavelength	1030	nm
Min. Isolation	18	dB
Typ. Peak Isolation	20	dB
Insertion Loss	Typ. 1.2, Max. 1.5	dB
Min. Return Loss (Input/Output)	50/50	dB
Min. Extinction Ratio	18	dB
Max. Optical Power (CW)	2000	mW
Operating Temperature	0 to +60	°C
Storage Temperature	-20 to +75	°C
Fiber Type	PM 980 Panda Fiber	--
Dimensions	Ø28 x 110 x 45	mm

*Above specifications are for device without connectors.

ORDERING CODES

OLISO – P – ☐ – ☐ – ☐ – ☐

Type and Wavelength		Code
1030 nm	Single Stage	S103

Handling Power	Code
2000mW	2000

Fiber Diameter	Code
250 µm	25
900 µm	90

Connector Type	Code
No Connector	NC
Others	XX

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