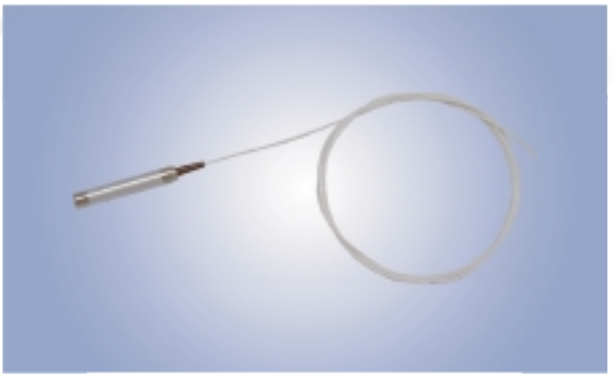
Opto-Link
Corporation Ltd

Faraday Mirror

The Faraday Mirror is used to provide rotation of the input light. It provides low insertion loss, PDL and excellent environmental stability. The Faraday Mirror is applied in fiber amplifiers, fiber lasers and other fiber instruments.

Applications

- Fiber Amplifier
- Fiber Laser
- Test Instrumentation



Features

- Low PDL
- Low Insertion Loss
- Environmentally Stable

SPECIFICATIONS

Faraday Mirror

Parameter			Units
Operating Wavelength	1310, 1480, 1550 +/- 15	1310, 1480, 1550 +/- 15	nm
Insertion Loss	< 0.6 (Typ. 0.4)	< 0.75 (Typ. 0.55)	dB
Nominal Faraday Rotation Angle (Single Pass)	45	90	degree
Rotation Angle Tolerance (Single Pass)	< +/- 3	< +/- 5	degree
PDL	< 0.05	< 0.05	dB
PMD	< 0.05	< 0.05	ps
Handling Power	300	300	mW
Operating Temperature	-5 to 70	-5 to 70	°C
Storage Temperature	-40 to 85	-40 to 85	°C
Tensile Load	5	5	N
Fiber Length	1	1	m

*Above specifications are for device without connectors.

ORDERING CODES

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Wavelength	Code
1550 nm	155
Others	XX

Lead Type	Code
900μm buffer	90
3mm cable	3
Others	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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