



Opto-Link
Corporation Ltd

Faraday Mirror

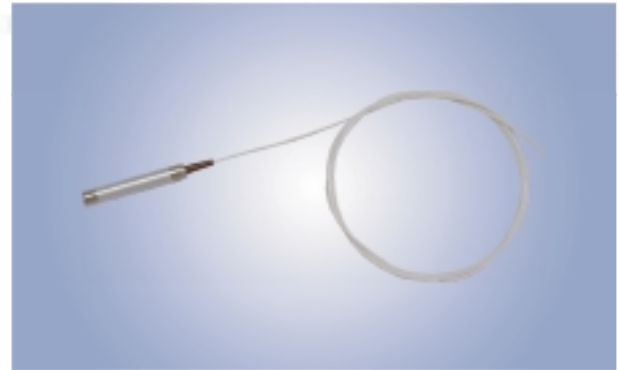
The Faraday Mirror is used to provide rotation of the input light. It provides low insertion loss, PDL and excellent environmental stability. The Faraday Mirror is applied in fiber amplifiers, fiber lasers and other fiber instruments.

Applications

- Fiber Amplifier
- Fiber Laser
- Test Instrumentation

Features

- Low PDL
- Low Insertion Loss
- Environmentally Stable



SPECIFICATIONS

Faraday Mirror (1310+/-100nm)

Parameter		Units
Center Wavelength (CWL)	1310	nm
Operating Bandwidth	+/- 100	nm
Typ. Insertion Loss @ CWL	0.4	dB
Max. Insertion Loss	0.9	dB
Faraday Rotation Angle (Single Pass)	45	degree
Max. Rotation Angle Tolerance Over Wavelength Range	+/- 18	degree
Max. PDL	0.1	dB
Handling Power	300	mW
Tensile Load	5	N
Operating Temperature	-5 to 70	°C
Storage Temperature	-40 to 85	°C

*Above specifications are for device without connectors.

*Cutoff wavelength of SMF-28 is less than 1260nm.

ORDERING CODES

OLFM - [] - [] - []

Wavelength	Code
1310 nm	131
Others	XX

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

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

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