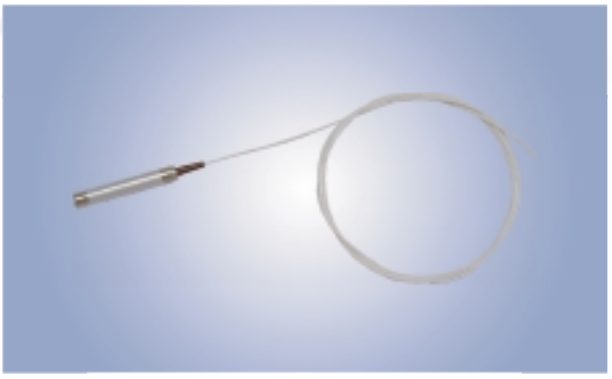
Opto-Link
Corporation Ltd

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	980 ~ 1064	nm
Insertion Loss	< 1.5 (Typ. 1.2)	dB
Faraday Rotation Angle (Single Pass)@980~1064nm	45	degree
Rotation Angle Tolerance,@1064nm,23°C	< +/- 5	degree
Fiber Type	HI 1060 fiber	--
PDL	< 0.1	dB
Operating Temperature	-5 to 50	°C
Storage Temperature	-40 to 85	°C
Tensile Load	5	N
Fiber Length	1	m

*Above specifications are for device without connectors.
*IL is 0.5dB higher and RL is 5dB lower for each connector added.

ORDERING CODES

OLFM – □ – □ – □

Wavelength	Code
980~1064 nm	9806
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

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