



Opto-Link
Corporation Ltd

PM Faraday Mirror

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

Applications

- Fiber Amplifier
- Fiber Laser
- Test Instrumentation

Features

- High Extinction Ratio
- Low Insertion Loss
- Environmentally Stable



SPECIFICATIONS

PM Faraday Mirror

Parameter		Units
Center Wavelength	1310, 1480, 1550	nm
Operating Bandwidth	+/- 15	nm
Insertion Loss	< 0.6 (Typ. 0.4)	dB
Nominal Faraday Rotation Angle (Single Pass)	45	degree
Rotation Angle Tolerance (Single Pass)	< +/- 3	degree
Extinction Ratio	> 20	dB
Handling Power	300	mW
Operating Temperature	-5 to 70	°C
Storage Temperature	-40 to 85	°C
Tensile Load	5	N
Fiber Length	1	m

*Above specifications are for device without connectors.

ORDERING CODES

OLPFM - [] - [] - []

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