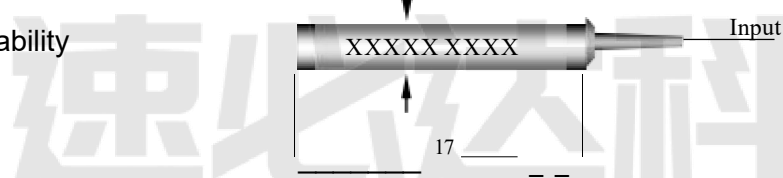


Polarization Maintaining Faraday Rotator Mirror (1064 nm)

1. Features:

- > Low insertion loss
- > High extinction ratio
- > High Return Loss
- > Excellent environmental stability and reliability

SPEED TECHNOLOGY



2. Applications:

- > Fiber Laser
- > Fiber Sensor
- > Communication System
- > Test Instrumentations
- > Polarization maintaining optical system



3. Compliance:

- > Telcordia GR- 1209-CORE
- > Telcordia GR- 1221-CORE
- > RoHS

4. Specifications:

Parameter	Unit	Values
Operating wavelength	nm	1064
Wavelength range	nm	± 5
Faraday Rotation Angle, λ_c , 23 °C	Degree	45 ± 1
Typ. Insertion Loss	dB	2.6
Insertion Loss	dB	≤ 3.0
Extinction Ratio	dB	≥ 20
Fiber type	-	PM Panda Fiber
Operating temperature	°C	-5~70
Operating temperature	°C	-5~70
Storage temperature	°C	-40~85
Power Handling	mw	≤ 500

*The specifications are w/o connector.

* For devices with connectors, 0.3dB higher for IL, 5dB lower for RL and 2dB lower for ER.

* For device with connector, key aligned to slow axis.

5. Product Ordering information:

PMFRM	X X	X	X	X	XXX	XX	XX
Product Description	Operating Wavelength	Rotation Angle	Pigtail Type	Fiber Type	Input Connector Type	Package Size	Fiber Length
P =Polarization	98 =980	45	0 =250um	1 =PM98	0 =None	3.5 ×17	05 =0.5m
M =Maintaining	06=1064	90	1=900um	2 =PM15	1=FC/UFC		08 =0.8m
F =Faraday	15=1550			3 =PM13	2 =FC/APC		10=1.0m
R =Rotator	13=1310			4 =others	3=SC/UPC		12 =1.2m
M =Mirror					4 =SC/APC		