

Polarization Maintaining Faraday Rotator Mirror (1310 & 1550 nm)

1. Features:

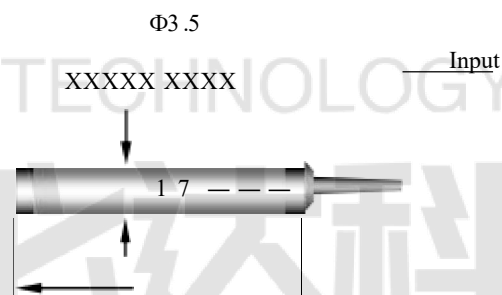
Low insertion loss

High extinction ratio

➤ High Return Loss

➤ Excellent environmental stability
and reliability

➤



2. Applications:

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> Fiber Laser

Fiber Sensor

➤ Communication System

➤ Test Instrumentations

➤

Polarization maintaining optical
system



3. Compliance:

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> Telcordia GR- 1209-CORE

Telcordia GR- 1221-CORE

➤ RoHS

4. Specifications:

Parameter	Unit	Values
Operating wavelength	nm	1310, 1480, 1550
Wavelength range	nm	± 15
Faraday Rotation Angle, λ_c , 23 °C	Degree	45 ± 1
Typ. Insertion Loss	dB	0.35
Insertion Loss	dB	≤ 0.6
Extinction Ratio	dB	≥ 20
Fiber type	-	PM Panda Fiber
Operating temperature	N	≤ 5
Operating temperature	°C	-5~70
Storage temperature	°C	-40~85
Power Handling	mw	≤ 200

*The specifications are w/o connector .

* For devices with connectors , 0 .3dB higher for IL , 5d B lower for RL and 2d B 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	14=1480				4 =SC/APC		