

In Line Faraday Rotator

Features	
Low Insertion Loss	
High Extinction Ratio & High Return Loss	
High Stability and Reliability	
Application	
Fiber Optical Instrument、Fiber Sensor Fiber Amplifier	

Specifications

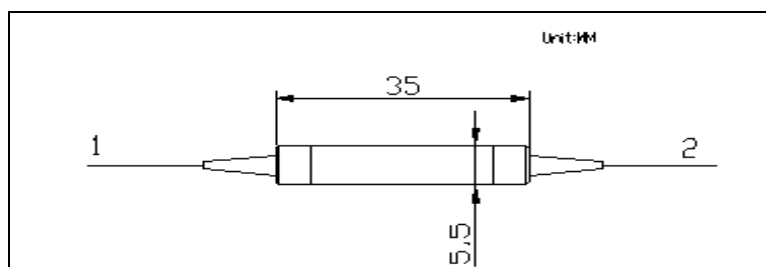
Parameter	Value	
Center Wavelength (nm)	1310, 1550	1064
Bandwidth (nm)	±20	±5
Insertion Loss (dB)	≤0.50 (Typ. 0.3dB)	≤1.70 (Typ. 1.3dB)
Rotation Angle CWL, at 23℃ (Deg)	45±1	45±2
Extinction Ratio (dB) (Slow axis of Port 1 is aligned to slow axis of Port 2, PM-PM type at 23℃)	≥20	
Extinction Ratio (dB) (Slow axis of Port 2 is aligned to fast axis of Port 1, PM-PM type at 23℃)	≥20	
Fiber Type	PM1310,PM1550,SMF-28e	PM980,HI1060
Return Loss (dB)	≥50	
Power Handling (mW)	≤500	≤500
Operating Temperature (℃)	-5~+70	-5~+50
Storage Temperature (℃)	-40 ~ +80	
Dimensions (mm)	φ5.5×L35	

*Above specifications are for devices without the connectors.

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

*The PM fiber and the connector key are aligned to the slow axis.

Package Dimensions



Ordering Information

ILFR	Wavelength	00	Fiber Type on port1&port2	Pigtail Type	Length	Connector
	1064=1064nm 1310=1310nm 1550=1550nm		11=PM fiber on port1&port2 12=PM fiber on port1, SMF-28e on port2 21=SMF-28e on port1, PM fiber on port2 22= SMF-28e on port1&port2.	1=250um bare fiber 2=900um loose tube 3=3mm loose tube 4=2mm loose tube	H=0.5m 8=0.8m 1=1.0m 5=1.5m 2=2.0m 3=3.0m 4=4.0m A=2.5m B=5.0m	0=None 1=FC/UPC 2=FC/APC 3=LC/UPC 4=LC/APC 5=SC/APC 6=SC/UPC