

In-Line Faraday Rotator

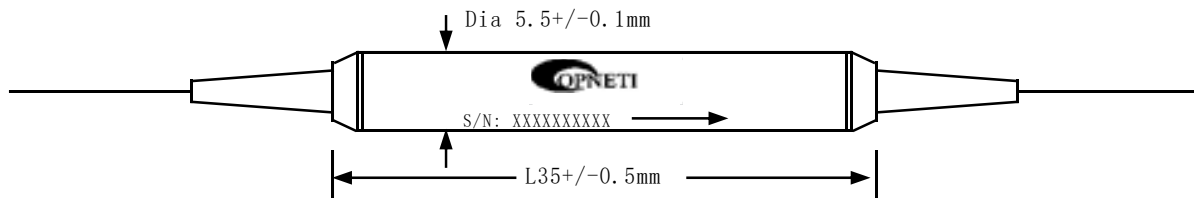
Specifications

Parameters	Unit	Values	
Operating Wavelength	nm	1064	1310, 1480, 1550
Typ. Insertion Loss (@23°C)	dB	1.3	0.3
Insertion Loss (@23°C)	dB	≤1.7	≤0.5
Extinction Ratio Slow Axis of Port 1 is aligned to Slow Axis of Port 2, PMF-PMF @23°C	dB	≥20	
Extinction Ratio Slow Axis of Port 2 is aligned to Fast Axis of Port 1, PMF-PMF @23°C	dB	≥20	
Rotation Angle @23°C, λc	Deg	45±2	45±1
Return Loss (Input/Output)	dB	≥50	
Power Handling	mW	≤300	≤500
Fiber Type		PM Panda Fiber / HI1060	PM Panda Fiber / SMF-28e
Operating Temperature	°C	-5 ~ +70	
Storage Temperature	°C	-40 ~ +85	
Dimensions	mm	φ5.5×35	

*For devices with connectors, IL+0.3dB, RL-5dB, ER-2dB.

*The default connector key is aligned to slow axis.

Package Dimensions



Ordering Information

IFR- (1)(1)(1)(1)-(2)(2)(2)-(3)-(4)(4)(4)-(5)(5)

①	Wavelength	1310; 1480; 1550; 1064;
②	Pigtail Type	250=250um Fiber; 900=900um Loose Tube;
③	Fiber Type	1=PM-PM; 2=SM-PM; 3=SM-SM;
④	Length	0.8=0.8m;
⑤	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; XX=Other;