

## **Polarization Maintaining Isolator (1064nm)**

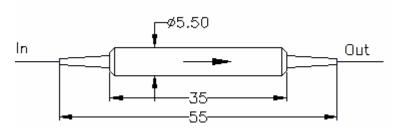
Features		
Low Insertion Loss		
High Extinction Ratio & High Isolation		
High stability and reliability		
Application		
Fiber Optical Instrument		
Fiber Laser		

## **Specifications**

	Туре	Single Grade		Dual Grade			
F	Parameter	Р	Α	Р	Α		
Operating wave	elength (nm)	1064					
Peak isolation (	(dB)	42	38	55	52		
Isolation (at 23	°C) (dB)	≥35	≥32	≥45	≥42		
Typ. Insertion L	.oss(dB)	1.5	1.6	2.4	2.6		
Insertion Loss(	dB)	≤1.8	≤2.0	≤3.2	≤3.4		
Extinction	Type B (Both of axis working)	≥20	≥18	≥20	≥18		
Ratio (dB)	Type F (Fast axis blocked)	≥23	≥23	≥23	≥23		
Return loss (In	out/Output) (dB)	≥55/50					
Power handling	g (mW)	≤300					
Fiber Type		PM Panda fiber					
Operating temp	perature (℃)	-5~+50					
Storage temper	rature (℃)	-40 ~ +80					
Dimensions (m	m)	φ5.5×L35					

<sup>\*</sup>Above specifications are for devices without the connectors.

## **Package Dimensions**



## **Ordering Information:**

PMIS	Туре	Grade	Wavelength	Axis Alignment	Pigtail Type	Fiber Type	Length	Connector
	S= Single	Р	1064	F=Fast Axis	250=250um	5=Panda	0.8=	NE=None
	stage	Α		Blocked	bare fiber	fiber	0.8m	FA=FC/APC
	D = Dual			B=Both Axis	900=900um			FC=FC/UPC
	Stage			Working	loose tube			SA=SC/APC
	J							SC=SC/UPC
								XX=Other

<sup>\*</sup>For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower, and ER will be 2dB lower.

<sup>\*</sup>The PM fiber and the connector key are aligned to the slow axis. And for F type, fast axis is blocked.