

PM Isolator (1310nm,1550nm, 2000nm)

Features

- Low Insertion Loss
- High Return Loss
- High Extinction Ratio
- High Isolation
- High Stability and Reliability

Applications

- Communication Systems
- Test System
- Optical Fiber Sensor
- Research

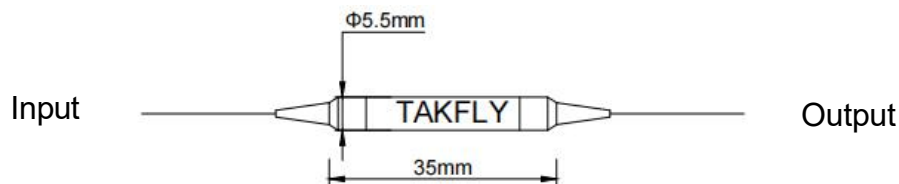
Specifications

Parameter		Unit	Value					
Stage		-	Single			Dual		
Center Wavelength		nm	2000	1550	1310	2000	1550	1310
Operating Wavelength Range		nm	±20					
Typ. Peak Isolation at 23℃		dB	/	42	42	/	58	58
Min. Isolation at 23℃		dB	16	28	28	35	45	45
Typ. Insertion Loss at 23℃		dB	/	0.4	0.4	/	0.5	0.5
Max. Insertion Loss at 23℃		dB	1.3	0.55	0.55	1.5	0.65	0.65
Min. Extinction Ratio at 23℃	Both Axis Working	dB	16	20	20	16	20	20
	Fast Axis Blocked	dB	18	25	25	18	25	25
Min. Return Loss (input/output)		dB	50/50					
Max. Optical Power (CW)		mW	500					
Max. Tensile Load		N	5					
Fiber Type		-	PM Panda Fiber					
Operating Temperature		℃	-5~+70					
Storage Temperature		℃	-40~+85					

For device with connector, IL is 0.3dB higher, RL is 5dB lower, and ER is 2dB lower.

The default connector key is aligned to slow axis.

Package Dimensions



Ordering Information

PMIS-1111-23-444-56-7-89

1111 - Wavelength:	2000=2000, 1950=1950nm, 1550=1550nm, 1310=1310nm,.....
2 - Stage:	S=Single-core stage, D=Dual-core stage
3 - Working Axis:	B=Both axis working, F=Fast axis blocked
444 - Fiber Type:	001=PM1550, 002=PM1310, 045=PM1950, SSS=Specify
5 - Package Dimension:	0=φ5.5x35mm, S=Specify
6 - Pigtail Type:	0=bare fiber, 1=900μm loose tube
7 - Fiber Length:	0.75=0.75m, 1.0=1m, 2.0=2m, S=Specify
8 - Connector Type for Input:	0=FC/UPC, 1=FC/APC, 2=SC/UPC, 3=SC/APC, N=None, S=Specify
9 - Connector Type for Output:	0=FC/UPC, 1=FC/APC, 2=SC/UPC, 3=SC/APC, N=None, S=Specify