

PM Fiber Circulator (Fast axis blocked)

Features

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

Applications

- EDFA
- Fibre Sensor
- Fiber Instrument

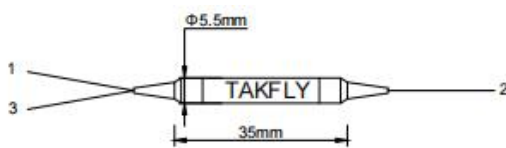
Specifications

Parameter	Unit	Value						
Type	-	Type A		Type B				
Port Type	-	3 Port	4 Port	3 Port	3 Port	4 Port	3 Port	4 Port
Center Wavelength	nm	1550, 1310		2000	1550, 1310		1064	
Operating Wavelength Range	nm	±20		±20			±5	
Typ. Insertion Loss at 23℃	dB	0.7	1.1	1.2	0.6	1.0	1.8	2.2
Max. Insertion Loss at 23℃	dB	0.9	1.3	1.5	0.8	1.2	2.1	2.5
Typ. Peak Isolation 23℃	dB	46		30	30		30	
Min. Isolation at 23℃	dB	40		20	20		25	
Min. Extinction Ratio at 23℃	dB	22		18	20		20	
Min. Cross Talk	dB	50		40	50		50	
Min. Return Loss	dB	50						
Max. Optical Power(CW)	mW	300						
Max. Tensile Load	N	5						
Fiber Type	-	PM Panda Fiber						
Operating Temperature	℃	-5~+70						
Storage Temperature	℃	-40~+85						

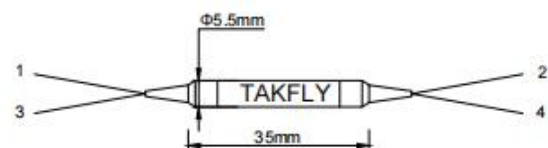
For device with connector, IL is 0.3dB higher, RL is 5dB lower, and ER is 2dB lower.

The default connector key is aligned to slow axis.

Package Dimensions



Route: 1-2, 2-3



Type A: 1-2, 2-3, 3-4, Type B: 1-2, 2-3, 3-4, 4-1

Ordering Information

PMCIR-1111-234-555-67-8-9999

1111 - Wavelength:	2000=2000nm, 1550=1550nm, 1310=1310nm, 1064=1064nm,.....
2 - Port Type:	3=3-Port, 4=4-Port
3 - Stage:	A=Type A, B= Type B
4 - Working Axis:	F=Slow axis working, Fast axis blocked
555 - Fiber Type:	001=PM1550, 002=PM1310, 003=PM980, 045=PM1950, SSS=Specify
6 - Package Dimension:	0=φ5.5x35mm, 1=φ5.5x50mm, S=Specified
7 - Pigtail Type:	0=bare fiber, 1=900μm loose tube
8 - Fiber Length:	0.75=0.75m, 1.0=1m, S=Specify
999 - Connector Type:	0=FC/UPC, 1=FC/APC, 2=SC/UPC, 3=SC/APC, N=None, S=Specify