

PM Filter Coupler

Features

- Low Insertion Loss
- High Return Loss
- High Extinction Ratio

Applications

- EDFA
- Fibre Sensor
- Fiber Instrument

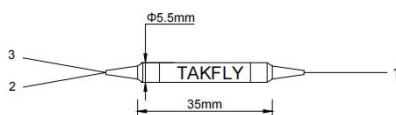
Specifications

Parameter		Unit	Value					
Type		-	1x2			2x2		
Center Wavelength		nm	2000	1550,1310	1064	2000	1550,1310	1064
Operating Wavelength Range		nm	±40	±40	±20	±40	±40	±20
Max. Excess Loss		dB	1.2	0.7	0.8	1.5	1.0	1.2
Uniformity (only for 50/50)		dB	0.6	0.4	0.5	0.8	0.6	0.8
Coupling Ratio		dB	01/99~50/50					
Min. Extinction Ratio at 23℃	Both axis working	dB	18					
	Fast axis blocked	dB	22					
Min. Return Loss		dB	50					
Max. Optical Power(CW)		mW	300					
Max.Tensile Load		N	5					
Fiber Type	Tap Port	-	SMF-28E, Hi1060 or PM Panda fiber					
	Input & Output Port	-	PM Panda fiber					
Operating Temperature		℃	-5~+70					
Storage Temperature		℃	-40~+85					

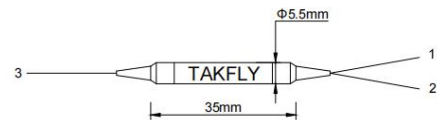
For device with connector, IL is 0.3dB higher, RL is 5dB lower, and ER is 2dB lower.

The default connector key is aligned to slow axis.

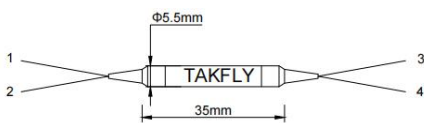
Package Dimensions



Routing path is 3 to 1, 2(tap)

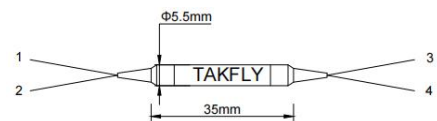


Routing path is 3 to 1, 2(tap)



Routing path is 1 to 2(tap), 3 or 4 to 3(tap), 2

Both axis working



Routing path is 1 to 3, 4(tap) & 3 to 1, 2(tap)
Slow axis working, Fast axis blocked

Ordering Information

PMFC-1111-2334-555-666-78-9-AAB (1x2 Type) / PMFC-1111-2334-555-666-78-9-AABB (2x2 Type)

1111 - Wavelength:	2000=2000nm, 1550=1550nm, 1310=1310nm, 1064=1064nm
2 - Configuration:	3=1x2, 4=2x2
33 - Tap ratio:	01=1%, 02=2%,, 05=5%,, 50=50%
4 - Working Axis:	B=Both axis working, F=Fast axis blocked
555 - Fiber type for Port 1, 3:	001=PM1550, 002=PM1310, 003=PM980, SSS=Specify
666 - Fiber type for Tap:	001=PM1550, 002=PM1310, 003=PM980, SSS=Specify
7 - Package Dimension:	0=φ5.5x35mm, S=Specify
8 - Pigtail Type:	0=bare fiber, 1=900μm loose tube
9 - Fiber Length:	0.75=0.75m, 1.0=1m, S=Specify
AA - Connector for Port 1, 3:	0=FC/UPC, 1=FC/APC, 2=SC/UPC, 3=SC/APC, N=None, S=Specify
BB - Connector for Tap:	0=FC/UPC, 1=FC/APC, 2=SC/UPC, 3=SC/APC, N=None, S=Specify