

2000nm PM Filter Coupler (Both Axis Working)

Features

Low Insertion Loss
High Return Loss
High Extinction Ratio
High Reliability
High Stability

Applications

EDFA & Raman Amplifier
Fiber Sensor
Fiber Optical Instrument
Power Monitoring System

Specifications

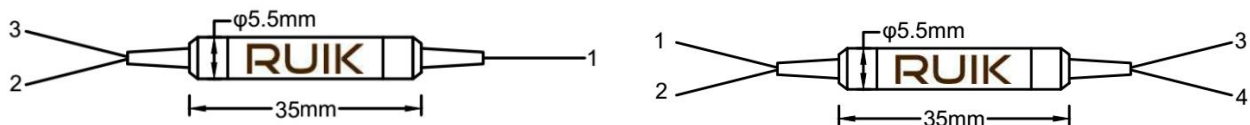
Parameter		Unit	Value	
Type		-	1x2	2x2
Center Wavelength		nm	2000	
Operating Wavelength Range		nm	±40	
Max. Excess Loss		dB	1.2	1.5
Uniformity (only for 50/50)		dB	0.6	0.8
Coupling Ratio		%	01/99~50/50	
Min. Extinction Ratio at 23℃		dB	18	
Min. Return Loss		dB	50	
Max. Optical Power(CW)		mW	300	
Max. Tensile Load		N	5	
Fiber Type	Tap Port	-	SMF-28E, PM Panda fiber	
	Port 1 & 3	-	PM Panda fiber	
Operating Temperature		℃	-5~+70	
Storage Temperature		℃	-40~+85	

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

The default connector key is aligned to slow axis.

For Type 1x2, routing path is 3 to 1, 2(tap), For Type 2x2, routing path is 1 to 2(tap), 3 & 4 to 3(tap), 2

Package Dimensions



Ordering Information

PMFC-1111-2334-555-666-789-AAAA

1111	-Center Wavelength:	1950=1950nm, 2000=2000nm, 2050=2050nm.....
2	-Port number:	3=1x2, 4=2x2
33	-Tap ratio:	01=1%,02=2%,.....,05=5%,....., 50=50%
4	-Axis Alignment:	B=Both of axis working
555	-Fiber type for Port 1, 3:	001=PM1550, 008=SMF-28E, 045=Nufern PM1950, 046=Nufern SM1950
666	-Fiber type for Tap:	001=PM1550, 008=SMF-28E, 045=Nufern PM1950, 046=Nufern SM1950
7	-Package Dimension:	0=φ5.5x35mm, S=Specified
8	-Pigtail Type:	0=250μm bare fiber, 1=900μm loose tube
9	-Fiber Length:	0=0.8m, 1=1m
AAAA	-Connector for Port 1,2,3,4:	0=FC/UPC,1=FC/APC,2=SC/UPC,3=SC/APC,4=LC/UPC,5=LC/APC, N=None