

PM Filter Coupler 1310nm ~ 1550nm

Features:

- Compact Size
- Low Insertion Loss
- High Polarization Extinction Ratio
- High Stability and Reliability

Applications:

- Optical Gyro
- Optical Amplifier
- Optical Sensors
- Optical Networks



Fiberdyne Stock Photo

Specifications:

Parameters	1x2					2x2				
Center Wavelength (nm)	1310 or 1550									
Channel Spacing (nm)	±40									
Insertion Loss (@23°C) (dB)	Split Ratio					Split Ratio				
	1:99 21/0.8	5:95 14/0.9	10:90 11.5/1.1	40:60 4.6/2.6	50:50 3.6	1:99 21/1.0	5:95 14/1.1	10:90 11.8/1.3	40:60 4.8/2.8	50:50 4.0
Max Excess Loss (dB)	0.7					1.0				
Uniformity (dB)	0.4					0.6				
Extinction Ratio (@23°C) (dB)	20					18				
Return Loss (dB)	≥ 50									
Power Handling (mW)	300									
Operating Temperature (°C)	-5 ~ +75									
Storage Temperature (°C)	-40 ~ +85									
Dimensions (mm)	Ø 5.5 x 35									
Fiber Type	PM1310 or PM1550									

Ordering Information:

FPMF	-	XX	X	X	X	X	X	X
		Fiber Type	Port	Axis Alignment	Package Type	Fiber Diameter	Fiber Length	Connector
F=Fiberdyne		13= PM 1310	1= 1x2	1= Slow Axis Working	1= Steel Tube	0= 250um	0= 0.5m	0= None
P=Polarization		15= PM 1550	2=2x2	Fast Axis Blocked	H= Heavy Duty	9= 900 um	1= 1.0m	1= FC/UPC
M=Maintaining				2= Both Axis Working	M= ABS Module	2= 2.0mm	Y= Custom	6=SC/UPC
F= Filter						3= 3.0mm		7=FC/UPC A=FC/APC B=SC/APC L=LC/UPC N=LC/APC Y=Custom

Note:

1. For device with connectors, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower
2. Fiber diameter 2.0 & 3.0 require package H (90x20x10mm) or M (100x80x10mm)