

1x2(2x2) Mini Size PM Filter Coupler

Features:
Low Insertion Loss High Extinction Ratio High Isolation High Stability and Reliability
Application:
EDFA Fiber Optical Instrument Power Monitoring Fiber Sensor

Specifications:

Parameter	1 x 2	2 x 2
Wavelength (nm)	1310, 1550	1310, 1550
Operating Bandwidth (nm)	±40	±40
Excess Loss (dB)	≤0.7	≤1.0
Uniformity(only for 50/50) (dB)	≤0.4	≤0.6
Coupling Ratio (%)	1-50%	
Extinction Ratio(dB)	≥20	≥18
Return Loss (dB)	≥50	
Power Handling (mW)	≤300	
Fiber Type	Tap port 2(only for 1x2)	SMF-28e or PM1310 for 1310nm; SMF-28e or PM1550 for 1550nm;
	Tap port 2&4(only for 2x2)	PM1310 for 1310nm; PM1550 for 1550nm;
	Port 1 & 3	PM1310 for 1310nm; PM1550 for 1550nm;
Operating Temperature (°C)	-5~+70	
Storage Temperature(°C)	-40 ~ +80	
Accidence Axis	Slow Axis working, Fast Axis Working	
Dimensions (mm)	Φ3.0 × L25 (only for bare fiber)	

*Above specifications are for devices without the connectors.

*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower, and ER will be 2dB lower.

Ordering Information:

PMFC	Wavelength	Port Type	Couplig Ratio	Axis Alignment	Fiber for tap port	Pigtail Type	Length	Connector
	1310=1310 nm 1550=1550 nm	1=1x2 2=2x2	1=1/99 2=2/98 3=3/97 4=4/96 5=5/95 A=10/90 B=20/80 C=30/70 D=40/60 E=50/50	B=Both Axis Working	1=Panda fiber 2=SMF-28e	1=250um bare fiber	H=0.5m 8=0.8m 1=1.0m 5=1.5m 2=2.0m S=Specify	0=None 1=FC/UPC 2=FC/APC 3=SC/APC 4=SC/UPC 6=LC/UPC 7=LC/APC S=Specify