


1x2(2x2) PM Filter Coupler

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

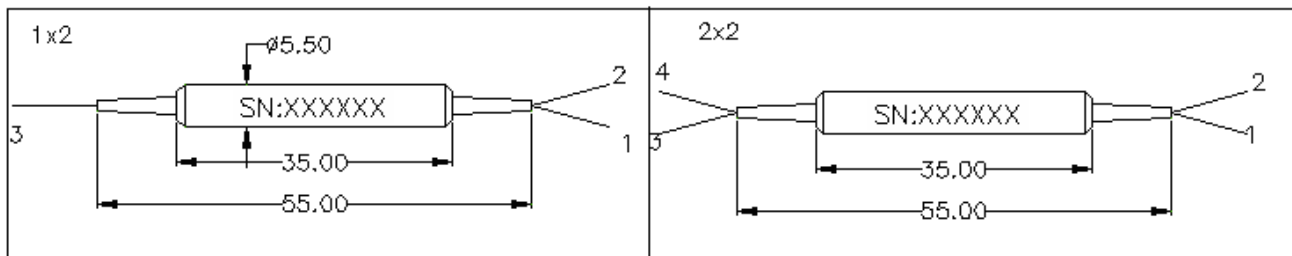
Specifications

Parameter	1 x 2			2 x 2		
Wavelength (nm)	1310, 1550	980, 1030, 1064	850	1310, 1550	980, 1030, 1064	850
Operating Bandwidth (nm)	±40	±20	±20	±40	±20	±20
Excess Loss (dB)	≤0.7	≤0.8	≤0.8	≤1.0	≤1.2	≤1.2
Uniformity(only for 50/50) (dB)	≤0.4	≤0.5	≤0.5	≤0.6	≤0.8	≤0.8
Tap Ratio (%)	1±0.2%, 2±0.4%, 5±1%, 10%, 20%, 30%, 50%					
Extinction Ratio(dB)	Type B (Both of axis working)	≥20	≥20	≥20	≥18	≥18
	Type F (Fast axis blocked)	≥22	≥22	≥22	≥22	≥20
Return Loss (dB)	≥50					
Power Handling (Mw)	≤300					
Fiber Type	Tap port 2(only for 1x2)	Single Mode Fiber or Panda Fiber				
	Tap port 2&4(only for 2x2)	Panda Fiber				
	Port 1 & 3	Panda Fiber				
Operating Temperature (°C)	-5~+70					
Storage Temperature(°C)	-40 ~ +80					
Dimensions (mm)	φ5.5 × L38 or 5.5x35mm or Mini 3x25mm					

*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. *The PM fiber and the connector key are aligned to the slow axis. And for F type, fast axis is blocked.

Package Dimensions



Ordering Information:

PMFC	Type	Wavelength	Coupling Ratio	Axis Alignment	Pigtail Type	Fiber Type For Port 2,4	Length	Connector	Package
	1x2	1310	1/99	B=Both Axis Working	0=250um bare fiber	1=SMF-28e	0.8m	NE=None	5=5.5x3
	2x2	1550	2/98	F=Slow Axis working, Axis Blocked	1=900um loose tube	4=HI1060	0.8m	FA=FC/APC	5
		980	3/97		3=3mm loose tube	5=Panda fiber		FC=FC/UPC	3=3.0x2
		1064			6=HI780		SA=SC/APC	5
		850	50/50					SC=SC/UPC	
								XX=Other	