


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	

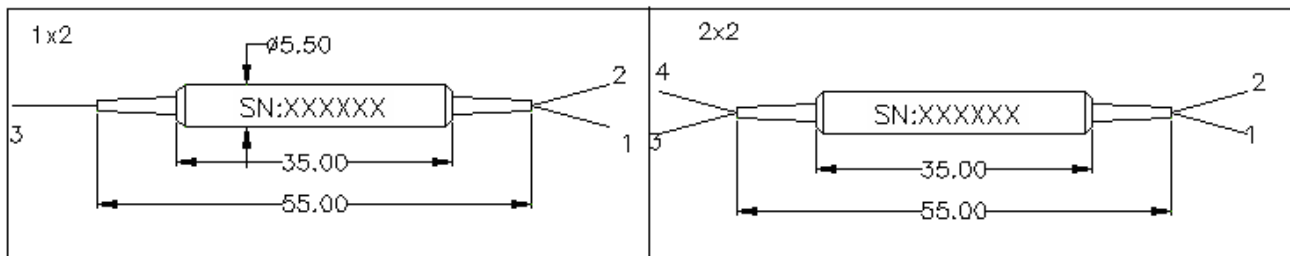
Specifications

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	≥18
	Type F (Fast axis blocked)	≥22	≥22	≥22	≥22	≥20	≥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					

*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
	1x2	1310	1/99	F=Fast Axis	0=250um bare fiber	1=SMF-28e	0.8m	NE=None
	2x2	1550	2/98	Blocked Axis	1=900um loose tube	4=HI1060		FA=FC/APC
		980	3/97	B=Both Axis	3=3mm loose tube	5=Panda fiber		FC=FC/UPC
		1064	Working		6=HI780		SA=SC/APC
		850	50/50					SC=SC/UPC
								XX=Other