

1x2(2x2) PM Filter Coupler

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

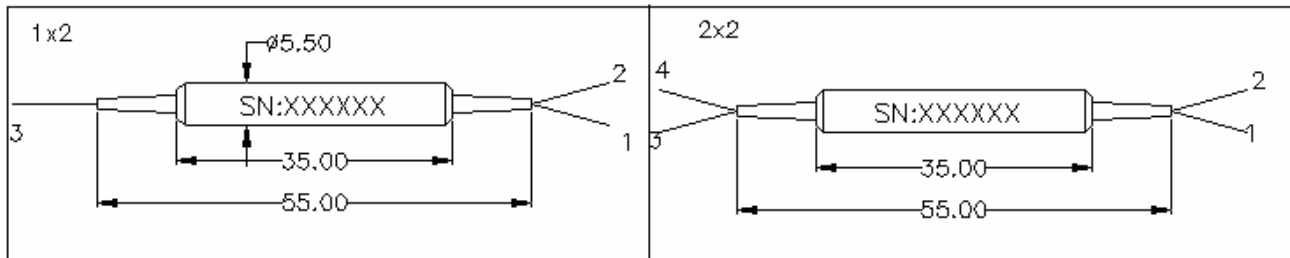
Specifications

Parameter	1 x 2		2 x 2		
Wavelength (nm)	1310, 1550	980, 1064	1310, 1550	980, 1064	
Operating Bandwidth (nm)	±40	±20	±40	±20	
Excess Loss (dB)	≤0.7	≤0.8	≤1.0	≤1.2	
Uniformity (only for 50/50) (dB)	≤0.4	≤0.5	≤0.6	≤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	≥18	≥18
	Type F (Fast axis blocked)	≥22	≥22	≥22	≥20
Return Loss (dB)	≥50				
Power Handling (mW)	≤300				
Fiber Type	Tap port 2 (only for 1x2)	SMF-28e or HI 1060 or Panda fiber			
	Tap port 2&4 (only for 2x2)	SMF-28e or HI 1060 or Panda fiber			
	Port 1 & 3	Panda fiber			
Operating Temperature (°C)	-5~+70				
Storage Temperature (°C)	-40 ~ +80				
Dimensions (mm)	φ5.5 × L35				

*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	1064	1/99	F=Fast Axis	250=250um bare fiber	1=SMF-28e	0.8=	NE=None
	2x2	1310	2/98	Blocked Axis	900=900um loose tube	4=HI1060	0.8m	FA=FC/APC
		1550	3/97	B=Both Axis	3000=3mm loose tube	5=Panda fiber		FC=FC/UPC
		Working				SA=SC/APC
			50/50					SC=SC/UPC
								XX=Other