

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	

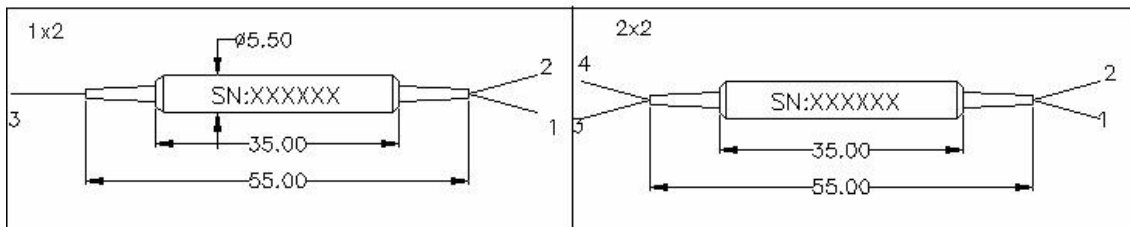
Specifications

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 Working	3000=3mm loose tube	5=Panda fiber		FC=FC/UPC
						SA=SC/APC
		50/50	50/50					SC=SC/UPC
								XX=Other



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Optical Network Device Innovator