

## 1x2(2x2) PM Filter Coupler

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

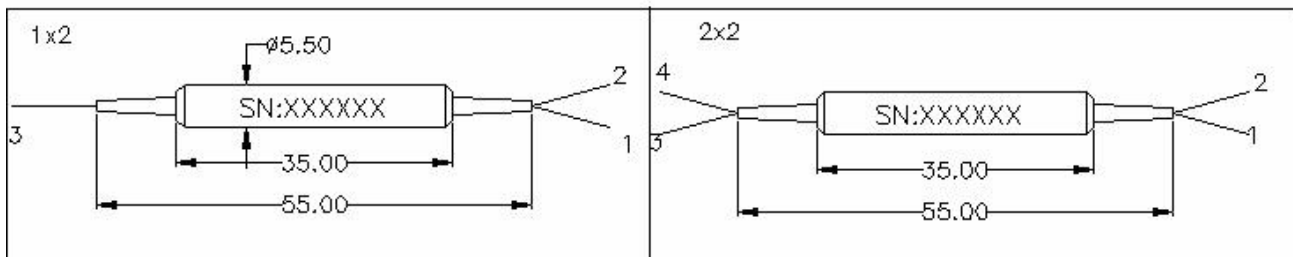
### Specifications

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