

## PM Filter Coupler 1x2 and 2x2

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

### Specifications

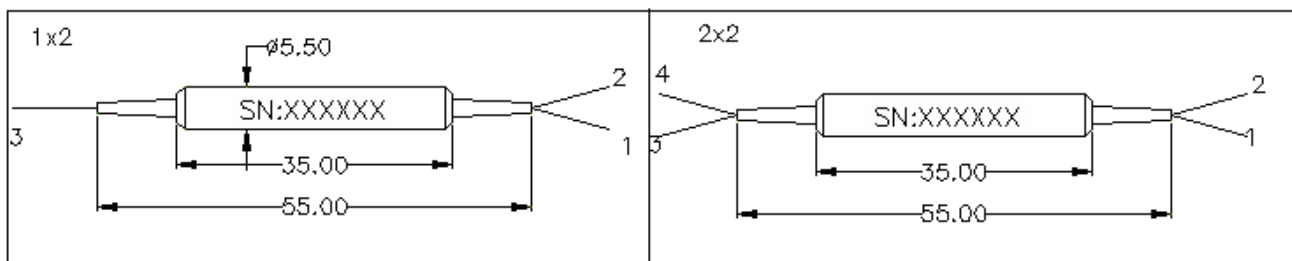
Parameter		1 x 2			2 x 2		
Wavelength (nm)		1310, 1550	980, 1030, 1064	850	1310, 1550	980, 1030, 1064	850
Operating Bandwidth (nm)		±40	±20	±20	±40	±20	±20
Excess Loss (dB)		≤0.7	≤0.8	≤0.8	≤1.0	≤1.2	≤1.2
Uniformity(only for 50/50) (dB)		≤0.4	≤0.5	≤0.5	≤0.6	≤0.8	≤0.8
Tap Ratio (%)		1±0.2%, 2±0.4%, 5±1%, 10%, 20%, 30%, 50%					
Extinction Ratio(dB)	Type B (Both of axis working)	≥20	≥20	≥20	≥18	≥18	≥18
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					
<b>Dimensions (mm)</b>		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.

### Package Dimensions



### Ordering Information:

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