


1x2(2x2) PM Crystal Coupler

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

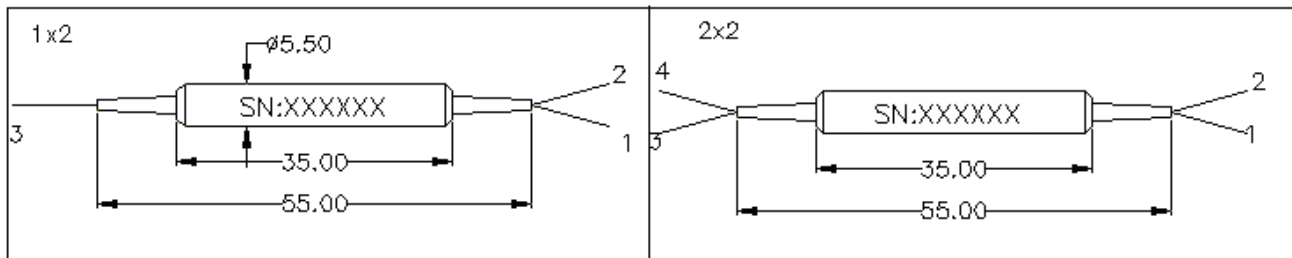
Specifications

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 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:

PMC C	Type	Wavelength	Coupling Ratio	Axis Alignment	Pigtail Type	Fiber Type For Port 2,4	Length	Connector	Package
	1x2	1310	1/99	F=Slow Axis working, Axis Blocked	0=250um bare fiber	1=SMF-28e	0.8=	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC XX=Other	5=5.5x38
	2x2	1550	2/98		1=900um loose tube	4=HI1060 fiber	0.8m		
		980	3/97		3=3mm loose tube	5=Panda fiber			
		1064			6=HI780			
		850	50/50						