

High Power 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	

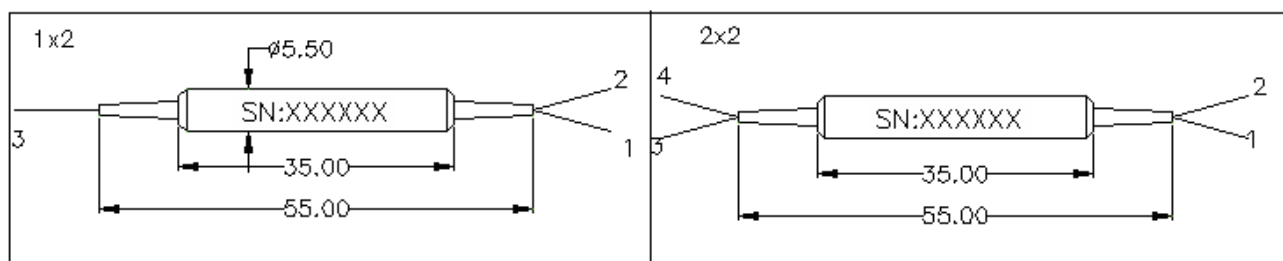
Specifications

Parameter		1 x 2	2 x 2
Wavelength (nm)		980,1030,1064	980,1030,1064
Operating Bandwidth (nm)		±20	±20
Excess Loss (dB)		≤0.8	≤1.2
Uniformity(only for 50/50) (dB)		≤0.5	≤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	≥20
Return Loss (dB)		≥50	
Power Handling (W, Average Power)		≤2	
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:

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