

1x2(2x2) PM Crystal Coupler

Features:

Low Insertion Loss
High Extinction Ratio
High Stability and Reliability

Application:

2um CW & Pulse Power Fiber laser & Amplifier
Laser Lidar
2um Medical Laser

Specifications:

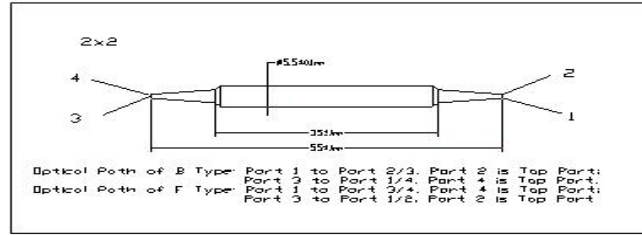
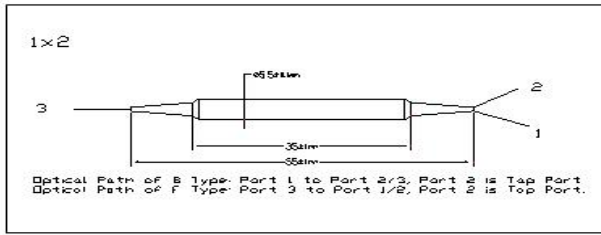
Parameter	Value
Port	1x2, 2x2
Wavelength (nm)	1950
Operating Bandwidth (nm)	1900-2000
Excess Loss (dB)	≤1.2
Uniformity(only for 50/50) (dB)	≤0.8
Coupling Ratio (%)	10/90,20/80,30/70,40/60,50/50
Extinction Ratio(dB)	≥20
Return Loss (dB)	≥50
Power Handling (mW)	500
Fiber Type	PM1550 MFD10.5 NA 0.12
Panda Fiber axis direction	Slow axis work, fast axis blocked
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:

PMFC	Wavelength	Port Type	Coupling Ratio	Axis Alignment	Fiber for tap port	Pigtail Type	Length	Connector
	1950=1950	1=1x2 2=2x2	A=10/90 B=20/80 C=30/70 D=40/60 E=50/50	F=Fast Axis Blocked	1=Panda fiber	1=250um bare fiber 2=900um loose tube S=Specify	H=0.5m 8=0.8m S=Specify	0=None 1=FC/UPC 2=FC/APC S=Specify