

Optizone 2x2 1030/1064nm Polarization Maintaining Filter Coupler

Features

High Extinction Ratio
 High Return Loss
 Low Cost

Applications

Optical Amplifier
 Fiber Lasers
 Testing Systems

Specifications

Parameters	Unit	Values
Center Wavelength	nm	1030, 1064
Operating Wavelength Range	nm	± 20
Coupling Ratio (for Port 2 & 4 only)	%	1±0.2, 2±0.4, 5±1.0, 10 & 50
Min. Return Loss	dB	50
Min. Extinction Ratio (only for F Type)	dB	20
Min. Extinction Ratio (only for B Type)	dB	18
Max. Excess Loss	dB	1.2
Max. Uniformity (for 50/50 only)	dB	0.8
Max. Optical Power (CW)	mW	300
Max. Tensile Load	N	5
Fiber Type	-	PM Panda Fiber
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to +85

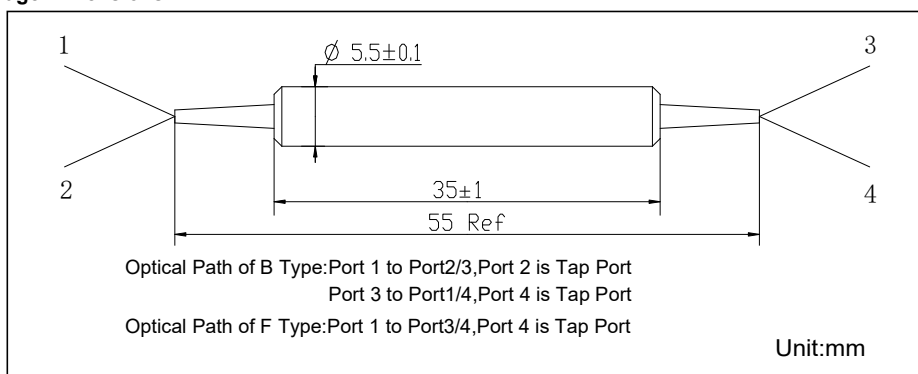
*Above specification are for devices without connector.

*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower, ER will be 2dB lower.

*The PM fiber and the connector key are aligned to the slow axis.

*The material must be RoHS compliant.

Package Dimensions



Ordering Information

PMFC-①-②-③-④-⑤-⑥⑥⑥⑥-⑦⑦⑦⑦-⑧-⑨-⑩

①: Wavelength
 06 - 1064nm
 03 - 1030nm
 S - Specify

②: Port
 2 - 2x2

③: Coupling Ratio
 01 - 01/99
 02 - 02/98
 05 - 05/95
 10 - 10/90
 50 - 50/50
 SS - Specify

④: Axis Alignment
 F - Fast Axis Blocked
 B - Both Axis Working

⑤: Handling Power
 0.3 - 300mW

⑥⑥⑥⑥: Connector Type on Port 1, 2&3
 1A - FC/UPC
 2A - FC/APC
 3D - SC/APC
 4D - SC/UPC
 N - None
 S - Specify

⑦⑦⑦⑦: Fiber Jacket on Port 1, 2&3
 B - Bare Fiber
 C - 900um Loose Tube(Red)
 D - 900um Loose Tube(Blue)
 E - 900um Loose Tube(Black)
 F - 900um Loose Tube(White)
 SS - Specify

⑧: Fiber Length
 1 - 1.0m
 S - Specify

⑨: Fiber Type
 04A - PM 980 Panda Fiber
 20A - PM980 on Port1&3, Hi1060 on Port 2&4
 S - Specify

⑩: Package Dimensions
 01 - Ø5.5x35
 S - Specify