

Features

Low Insertion Loss
High Return Loss

Applications

Fiber Optic Instruments
Fiber Amplifiers
Fiber Lasers
Fiber Sensors

Specifications

Parameters	Unit	Values	
Port Type	-	1X2	2X2
Center Wavelength	nm	2000	
Operating Wavelength Range	nm	±50	
Max. Excess Loss	dB	1.2	1.5
Max. Uniformity (only for 50/50)	dB	0.8	1.0
Tap Ratio (Port 2/4)	%	1±0.3%, 2±0.6%, 5±1.2%, 10%, and 50%	
Min. Return Loss	dB	50	
Min. Extinction Ratio (only for F type)	dB	20	18
Min. Extinction Ratio (only for B type)	dB	18	16
Max. Optical Power (CW)	mW	500 (only for Splitter)	
Max. Tensile Load	N	5	
Fiber Type		PM Panda Fiber	
Operating Temperature	°C	-5 to +70	
Storage Temperature	°C	-40 to +85	

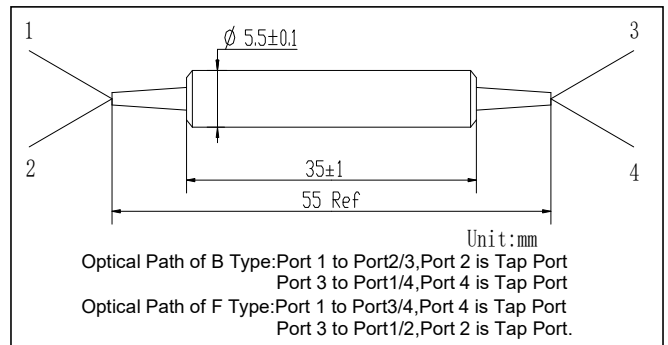
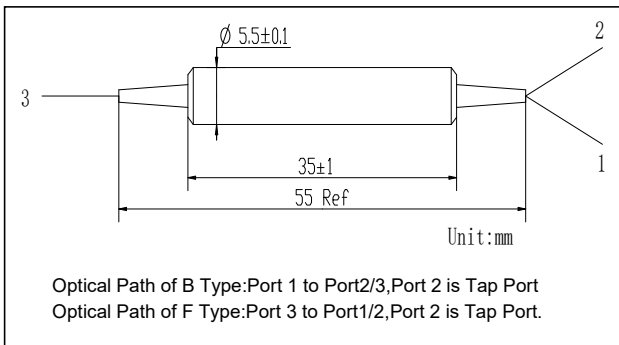
* Above specifications are for devices without the connectors.

* 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.

*The material must be RoHS compliant.

Package Dimensions



Ordering Information

PMFC-①-②-③-④-⑤-⑥⑥⑥⑥-⑦⑦⑦⑦-⑧-⑨-⑩

①: Wavelength
20 - 2000nm
SS - Specify

②: Port
1 - 1x2
2 - 2x2

③: Coupling Ratio
01 - 1/99
10 - 10/90
50 - 50/50
S - Specify

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

⑤: Handling Power
0.5 - 0.5W (only for Splitter)

⑥⑥⑥⑥: Connector Type on Port 1, 2, 3 & 4
1A - FC/UPC
2A - FC/APC
3D - SC/UPC
4D - SC/APC

N - None
S - Specify

⑦⑦⑦⑦: Fiber Jacket on Port 1, 2, 3 & 4
B - Bare Fiber
C - 900um Loose Tube(Red)
D - 900um Loose Tube(Blue)
E - 900um Loose Tube(Black)
SS - Specify

⑧: Fiber Length
1 - 1.0m
S - Specify

⑨: Fiber Type
01A - PM 1550
17 - Nufern PM1950
S - Specify

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