

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	1310 or 1550	
Operating Wavelength Range	nm	±40	
Max. Excess Loss	dB	0.7	1.0
Max. Uniformity (only for 50/50)	dB	0.4	0.6
Tap Ratio (Port 2/4)	%	1±0.2, 2±0.4, 5±1.0, 10, and 50	
Min. Return Loss	dB	50	
Min. Extinction Ratio (only for F type)	dB	22	22
Min. Extinction Ratio (only for B type)	dB	20	18
Max. Tensile Load	N	5	
Fiber Type	-	SMF-28e or PM Panda Fiber on Tap Port	
		PM Panda Fiber on Port 1 & Port 3	
Operating Temperature	°C	-5 to +70	
Storage Temperature	°C	-40 to +85	

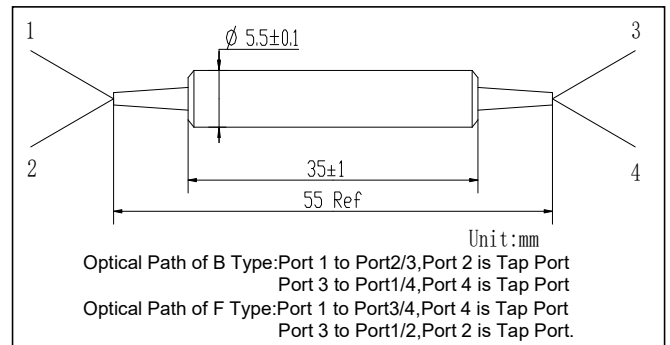
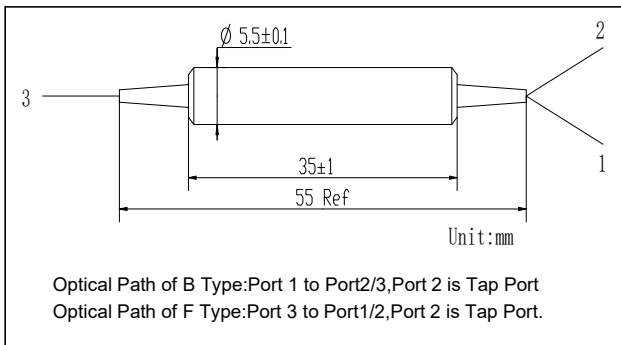
* Above specifications are for devices without the connectors.

* 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
31 - 1310nm
55 - 1550nm
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 - PM1550 Fiber on all Port
07A - PM1310 Fiber on all port
09 - Nufern PM1550-XP Fiber on all Port
13A - PM1550 on Port 1 & 3, SMF-28e on Port 2
S - Specify

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