

**Features**

Low Insertion Loss  
 High Return Loss  
 High PER

**Applications**

Fiber Optic Instruments  
 Fiber Amplifiers  
 Fiber Lasers  
 Fiber Sensors

**Specifications**

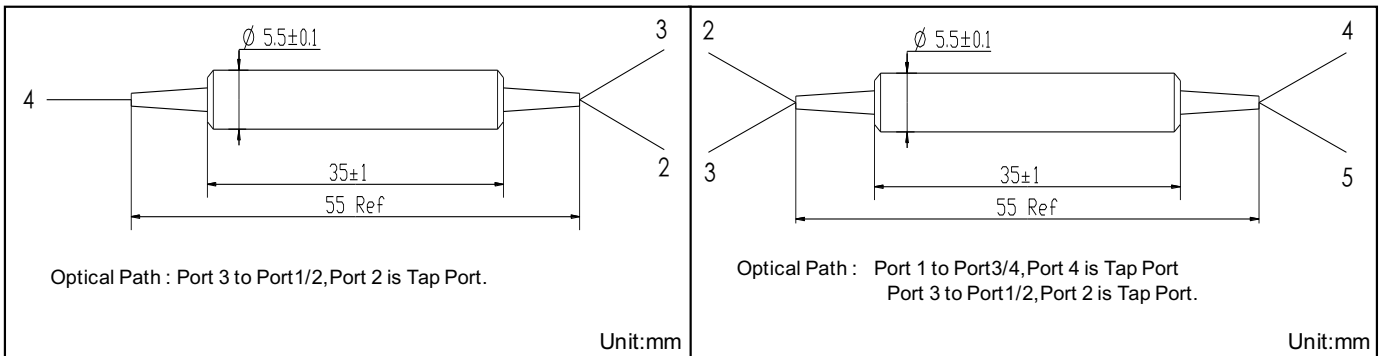
Parameters	Unit	Values		
Port Type	-	1X2	2X2	
Center Wavelength	nm	1310 or 1550		
Operating Wavelength Range	nm	±40		
Max. Excess Loss	dB	0,7	1,0	
Max. Uniformity (only for 50/50)	dB	0,4	0,6	
Tap Ratio (Port 2/4)	%	1±0.2, 2±0.4, 5±1.0, 10, and 50		
Min. Return Loss	dB	50		
Min. Extinction Ratio	dB	P1	P2	P3
		28	30	32
Max. Optical Power (CW)	mW	500 (only for Splitter, Proper SOP)		
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. Fast axis is blocked.

**Package Dimensions**



**Ordering Information**

PMFC-①①-②-③③-④-⑤--⑥⑥⑥⑥-⑦⑦⑦⑦-⑧-⑨

- ①①: Wavelength  
 31 - 1310nm  
 55 - 1550nm  
 SS - Specify
- ②: Port  
 1 - 1x2  
 2 - 2x2
- ③③: Coupling Ratio  
 01 - 1/99  
 02 - 2/98  
 05 - 5/95  
 10 - 10/90  
 50 - 50/50  
 SS - Specify
- ④: Axis Alignment  
 F - Fast Axis Blocked
- ⑤: Grade of Extinction Ratio  
 P1 - 28dB  
 P2 - 30dB  
 P3 - 32dB
- ⑥⑥⑥⑥: Connector Type on Port 1, 2, 3 & 4  
 1 - FC/UPC  
 2 - FC/APC  
 3 - SC/UPC  
 4 - SC/APC  
 N - None  
 S - Specify
- ⑦⑦⑦⑦: Fiber Jacket on Port 1, 2, 3 & 4  
 B - 250um Fiber  
 L - 900um Loose Tube  
 S - Specify
- ⑧: Fiber Type on Tap port  
 M - SMF-28e Fiber (For 1x2 only)  
 P - PM Panda Fiber  
 S - Specify
- ⑨: Fiber Length  
 0.8 - 0.8m  
 S - Specify