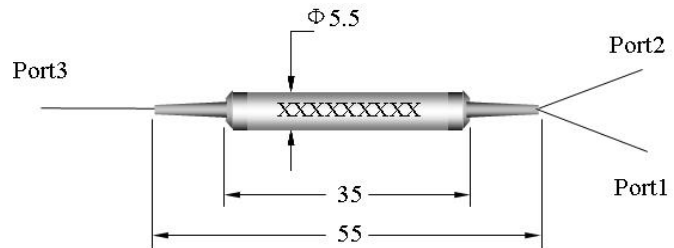


Polarization Maintaining Filter Coupler (PMFC-1315)

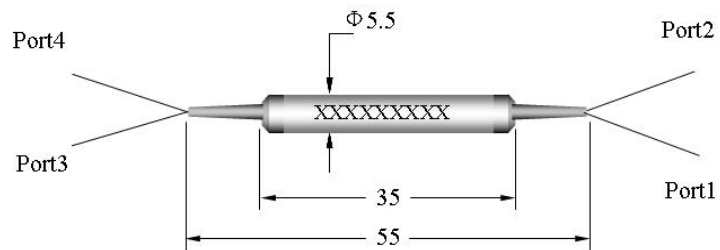
1. Features:

- ◆ Low Insertion Loss
- ◆ High Extinction Ratio
- ◆ High Return Loss
- ◆ Excellent environmental stability and reliability



2. Applications:

- ◆ Fiber Laser
- ◆ Fiber Sensor
- ◆ Telecommunications
- ◆ Testing Systems



3. Compliance:

- ◆ Telcordia GR-1209-CORE
- ◆ Telcordia GR-1221-CORE
- ◆ RoHS



4. Specifications:

Parameters	Type	Unit	Values
Port Type			1X2 2X2
Operating Wavelength Range		nm	1310±40 & 1550±40
Excess Loss		dB	≤0.7 ≤1.0
Uniformity (only for 50/50)		dB	≤0.5 ≤0.7
Extinction Ratio for F type & (B type)		dB	≥22 & (20) ≥22 & (18)
Tap Ratio (Port 2/4)		%	1±0.2%, 2±0.4%, 5±1%, 10%±2%, and 50%
Return Loss		dB	≥50
Handling Power		mW	≤500 (only for Splitter)
Tensile Load		N	≤5
Fiber Type	-		SMF-28e or PM Panda Fiber on Tap Port
	-		PM Panda Fiber on Input & Output Port
Operating Temperature		°C	-5 to +70
Storage Temperature		°C	-40 to +85
Light Path Explanation			
1x2	B Type		Port1 to Port2 & 3, Port2 is tap port.
	F Type		Port3 to Port1 & 2, Port2 is tap port.
2x2	B Type		Port1 to Port2 & 3, Port2 is tap port. Port3 to Port1 & 4, Port4 is tap port.
	F Type		Port1 to Port3 & 4, Port4 is tap port. Port3 to Port1 & 2, Port2 is tap port.
"B" for Both axis working, "F" for Fast axis blocking.			

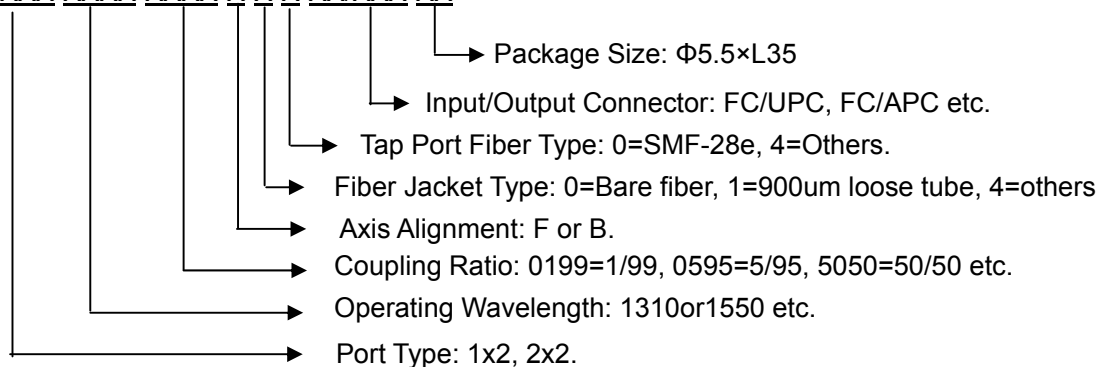
*The specifications are w/o connector.

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

* For device with connector, key aligned to slow axis.

5. Product Ordering information:

PMFC-XXX-XXXX-XXXX-X-X-X-XX/XXX-XX



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