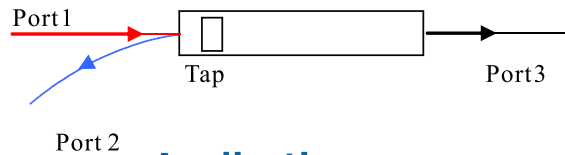


## PM Tap Coupler

O-Net's PM Tap couplers combine thin film filter and PM collimators to splitter input light into 2 outputs at specified ratio while maintaining polarization state. According to the polarization in different port, O-net's PM Tap Coupler includes the following three types:

- Type 1: PM fibers in port 1 & port 2
- Type 2: PM fibers in port 1 & port 3
- Type 3: PM fibers in all of 3 ports



### Features

- Low Insertion Loss
- High Extinction Ratio
- Accurate Tap Ratio
- Wide Bandwidth

### Applications

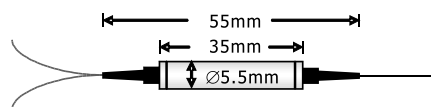
- Test Equipment Fiber optic
- Raman Amplifier
- EDFA

### Specifications

Parameter	Type	X of the Tap Ratio in the reflect port								
		1%	2%	5%	10%	20%	30%	40%	50%	
Insertion Loss (dB)	Pass Port	Typ	0.6	0.6	0.8	1.0	1.5	2.1	2.8	3.5
	Tap Port	Typ	20.7	17.7	13.7	10.7	7.5	5.7	4.7	3.7
Excess Loss (dB)		Max	21	18	14	11	7.8	6.0	5.0	4.0
		Max				0.6				
Extinction Ratio (dB)		Min				22				
Return Loss (dB)		Max				55				
Center Wavelength (nm)						1550				
Bandwidth(nm)						±25				
Fiber Length (m)		Min				0.8				
WDL(dB)		Max				0.2				
Power Handling(mw)						500				
Package Size(φ*L)(mm)						5.5*35				
Operation Temperature (°C)						0~70				
Store Temperature (°C)						-40~+85				

The specs are measured at Center Wavelength ± 5nm and 23°C. All values referenced without connector.

### Dimension



### Order Information

#### PMTC-A-B-C-D-E

A	Center wavelength	55:1550nm
B	Type	1: Type 1 2: Type 2 3: Type 3
C	Type Ratio	01:1% 02:2% 05:5% 10:10% 50:50% X: Customized
D	Fiber Type	1-All Ports PM Fiber 2-Non PM Port: 250um SMF-28 Fiber 3-Non PM Port: 250um SMF-28 with 900um loose tube
E	Connector Type	0:without Connector 1:FC/PC 2:FC/UPC 3:FC/APC 4:SC/PC 5:SC/UPC 6:SC/APC 7:ST 8:LC 9:MU X: Customized