

Features

- Low PDL
- Low Insertion Loss
- Low Cost

Applications

- Fiber Amplifier
- Fiber Optic System
- Fiber Laser

Specifications

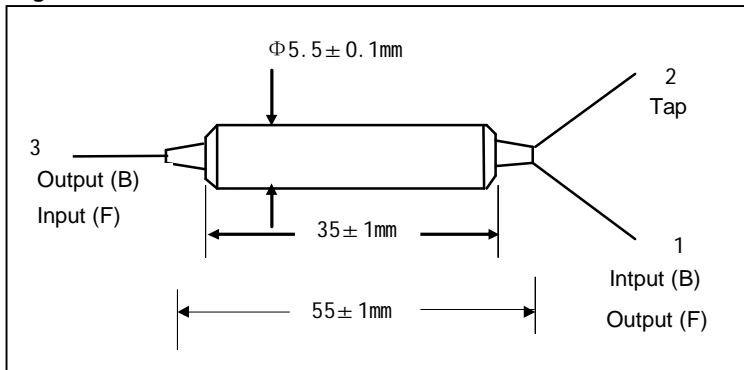
Parameters	Unit	Values	
		Single Stage	Dual Stage
Center Wavelength		1310, 1480, 1550, 1590	
Operating Wavelength Range	nm	+/-20	
Max. Excess Loss	dB	0.8	0.9
Tap Ratio (Input to Tap)	%	1+/-0.2, 2+/-0.4, 3+/-0.6, 4+/-0.8, 5+/-1.0, 10+/-2.0	
Typ. Peak Isolation (Output to Input)	dB	40	58
Min. Isolation at 23°C	dB	28	48
Min. Extinction Ratio (only for B Type)	dB	20	20
Min. Extinction Ratio (only for F Type)	dB	23	23
Min. Return Loss (for all ports)	dB	50	50
Max. Optical Power (CW)	mW	500	
Max. Tensile Load	N	5	
Fiber Type		PM 1550 Panda Fiber for Input and Output Ports, SMF-28e Fiber or Panda Fiber for Tap Port	
Operating Temperature	°C	0 to +70	
Storage Temperature	°C	-40 to +85	

*Above specifications are for device without connector.

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

*The PM fiber and the connector key are aligned to the slow axis and fast axis is blocked.

Package Dimensions



Ordering Information

PMTAPI-①①-②-③③-④-⑤⑤⑤-⑥⑥⑥-⑦-⑧

- ①①: Wavelength
31 - 1310nm
48 - 1480nm
55 - 1550nm
59 - 1590nm
SS - Specify

- ②: Stage
S - Single Stage
D - Dual Stage

- ③③: Tap Ratio
01 - 1%
02 - 2%
03 - 3%
04 - 4%
05 - 5%
10 - 10%
SS - Specify

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

- ⑤⑤⑤: Connector Type on Port 1, 2 & 3
1 - FC/UPC
2 - FC/APC
3 - SC/UPC
4 - SC/APC
N - None
S - Specify

- ⑥⑥⑥: Fiber Jacket on Port 1, 2 & 3
B - 250um Bare Fiber
L - 900um Loose Tube
S - Specify

- ⑦: Fiber Type on Tap
1 - SMF 28e Fiber
2 - PM Panda Fiber
S - Specify

- ⑧: Fiber Length
0.8 - 0.8 m
S - Specify