

Features

Low PDL
 Low Insertion Loss
 Low Cost

Applications

Fiber Amplifier
 Fiber Optic System
 Fiber Laser

Specifications

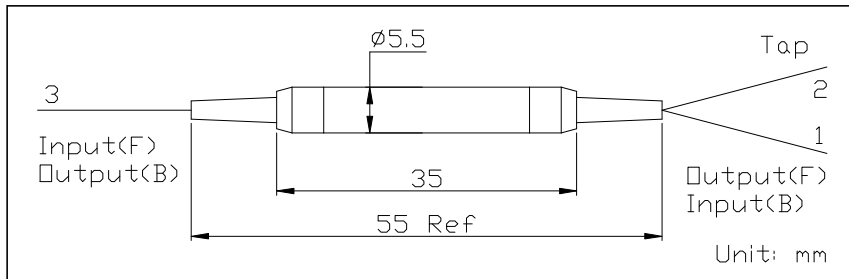
Parameters	Unit	Values	
		Single Stage	Dual Stage
Stage			
Center Wavelength		1310, 1480, 1550, 1590	
Operating Wavelength Range	nm	+/-20	
Max. Excess Loss	dB	0.8	0.9
Tap Ratio (Input to Tap)	%	1+/-0.2, 5+/-1.0, 10+/-2.0 or Specify	
Typ. Peak Isolation (Output to Input)	dB	40	58
Min. Isolation at 23°C	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.

*The material must be RoHS compliant.

Package Dimensions

Ordering Information
PMTAPI-①-②-③③-④-⑤⑤⑤-⑥⑥⑥-⑦-⑧-⑨⑨
①①: Wavelength

1310 - 1310nm

1480 - 1480nm

1550 - 1550nm

1590 - 1590nm

S - Specify

②: Stage

S - Single Stage

D - Dual Stage

③③: Tap Ratio

01 - 1%

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

1B - FC/UPC

2B - FC/APC (Step)

3D - SC/UPC

4D - SC/APC (Step)

N - None

S - Specify

⑥⑥⑥: Fiber Jacket on Port 1, 2 & 3

B - Bare Fiber

C - 900um Red Loose Tube

F - 900um White Loose Tube

S - Specify

⑦: Fiber Type

05B - Port 1, 2&3: PM1300

07B - Port 1, 2&3: PM1550

13B - Port 1&3: PM1300, Port 2: SMF-28e

15B - Port 1&3: PM1550, Port 2: SMF-28e

19 - Port 1, 2&3: SMF-28e

S - Specify

⑧: Fiber Length

0.8 - 0.8m

S - Specify

⑨⑨: Package Type

01 - Ø5.5×35

10 - Ø5.5×35(Without Rub)