

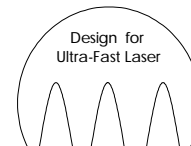
# 1064nm Polarization Maintaining Tap Isolator

## Features

High Extinction Ratio  
 Low Insertion Loss  
 High Power Handling  
 High Isolation

## Applications

Ultra-Fast Fiber Lasers  
 EDFA & Raman Amplifier  
 Fiber Optic Sensor  
 Telecommunications  
 Instruments



## Specifications

Parameters	Unit	Values	
		Single Stage	Dual Stage
Stage		Single Stage	Dual Stage
Center Wavelength		1064	
Operating Wavelength Range	nm	±5	
Max. Excess Loss	dB	2.0	3.4
Tap Ratio (Input to Tap)	%	1+/-0.2, 2+/-0.4, 3+/-0.6, 4+/-0.8, 5+/-1.0, 10+/-2.0	
Uniformity (only for 50/50)	dB	0.5	0.7
Typ. Peak Isolation (Output to Input)	dB	35	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 Average Power (Proper SOP)	mW	300	
Max. Peak Power for ps Pulse (Proper SOP)	kW	0.5, 1 or Specify	
Max. Tensile Load	N	5	
Fiber Type		PM 980 Panda Fiber for Input and Output Ports HI 1060 Fiber or PM Panda Fiber for Tap Port	
Operating Temperature	°C	0 to +70	
Storage Temperature	°C	-40 to +85	

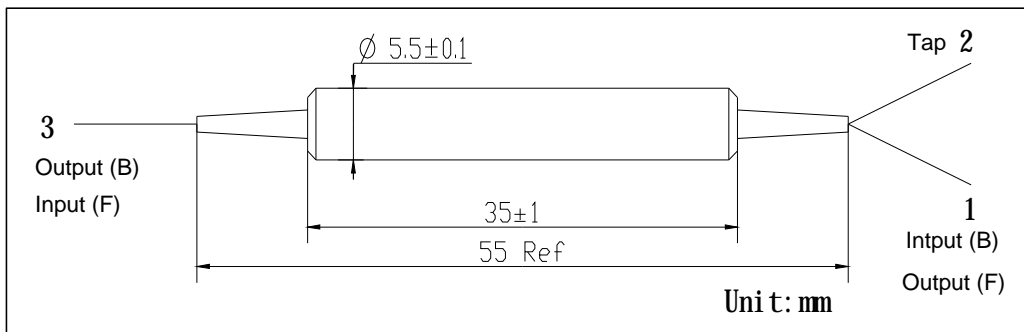
\*Above specifications are for device without connector.

\*For devices with connectors, IL will be 0.5dB higher, RL will be 5dB lower, ER will be 2dB lower.

\*The PM fiber and the connector key are aligned to the slow axis.

\*The material must be RoHS compliant.

## Package Dimensions



## Ordering Information

**PMTAPI-UF-①①-②③③-④-⑤⑤⑤-⑥⑥⑥-⑦⑧-⑨⑨**

①①: Wavelength  
 06 - 1064nm  
 SS - Specify

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

⑦: Fiber Type on Tap  
 1 - HI 1060 Fiber  
 2 - PM Panda Fiber  
 S - Specify

②: Stage  
 S - Single Stage  
 D - Dual Stage

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

⑧: Fiber Length  
 0.8 - 0.8 m  
 S - Specify

③③: Tap Ratio  
 01 - 1%  
 05 - 5%  
 10 - 10%  
 SS - Specify

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

⑨⑨: Pulse Power  
 P1 - 0.5kW  
 P2 - 1kW  
 SS - Specify