



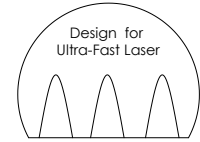
1064nm Polarization Maintaining Tap Isolator

Features

High Extinction Ratio
Low Insertion Loss
High Power Handling
High Isolation

Applications

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



Specifications

Instruments

Parameters	Unit	Values	
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, 10+/-2.0 or Specify	
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	
Operating Temperature	°C	0 to +70	
Storage Temperature	°C	-40 to +85	

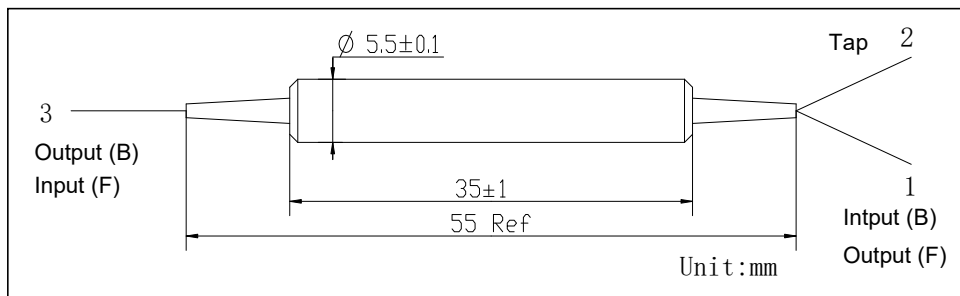
*Above specifications are for device without connector.

*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-①-②-③③-④④-⑤-⑥⑥⑥-⑦⑦⑦-⑧-⑨-⑩

①: Wavelength
1064 - 1064nm

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

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

④④: Average /Peak Power
0.3/1 - 0.3W /1kW
SS - Specify

⑤: Axis Alignment
F - Fast Axis Blocked
B - Both Axis Working

⑥⑥⑥: 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

⑦⑦⑦: Fiber Jacket on Port 1, 2 & 3
B - Bare Fiber
C - 900um Red Loose Tube (PM Fiber)
F - 900um White Loose Tube (SM Fiber)
SS - Specify

⑧: Fiber Type
03B - Port 1, 2&3: PM980
11B - Port 1&3: PM980, Port 2: HI1060
S - Specify

⑨: Fiber Length
0.8 - 0.8 m
S - Specify

⑩: Package Dimensions
01 - Ø5.5×35