
Optizone Mini Polarization Maintaining Tap Isolator
Features

High Extinction Ratio
 Low Insertion Loss
 Low Cost
 Small Package

Applications

Compact Fiber Amplifiers
 Compact Fiber Optic Systems
 Fiber Lasers
 Fiber Sensors

Specifications

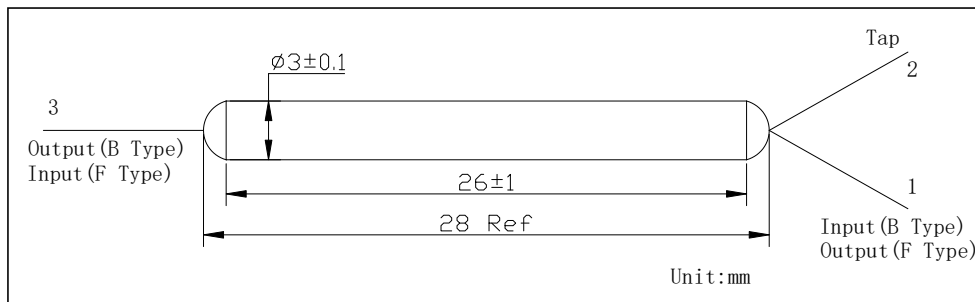
Parameters	Unit	Values	
		Single Stage	Dual Stage
Stage	-	Single Stage	Dual Stage
Signal Wavelength	nm	1550	
Signal Wavelength Range	nm	1530~1570	
Max. Signal Insertion Loss (Input to Output)	dB	0.8(for 1%), 1.0(for 5%)	
Signal Tap Ratio (Input to Tap)	%	1+/-0.2, 5+/-1	
Typ. Signal Peak Isolation (Output to Input)	dB	40	52
Min. Signal Isolation at 23°C	dB	28	45
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	300	
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 0.3dB 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**

MPMTAPI-①-②-③③-④-⑤⑤⑤-⑥⑥⑥-⑦-⑧-⑨

①: Wavelength
 1550 - 1550nm
 S - Specify

④: Axis Alignment
 F - Fast Axis Blocked (F Type)
 B - Both Axis Working (B Type)

⑥⑥⑥: Fiber Jacket on Port 1, 2 & 3
 B - Bare Fiber

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

④④④: Connector Type on Port 1, 2 & 3
 1B - FC/UPC
 2B - FC/APC (Step)
 3D - SC/UPC

⑦: Fiber Type
 07B - Port 1, 2&3: PM1550
 15B - Port 1&3: PM1550, Port 2: SMF-28e
 S - Specify

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

4D - SC/APC (Step)
 N - None
 S - Specify

⑧: Fiber Length
 0.8 - 0.8 m
 S - Specify

⑨: Package Type
 07 - Ø3.0×26