
**Optizone Polarization Insensitive Tap Isolator**
**Features**

Low PDL  
Low Insertion Loss  
Low Cost

**Applications**

Fiber Amplifier  
Fiber Optic System  
Fiber Laser

**Specifications**

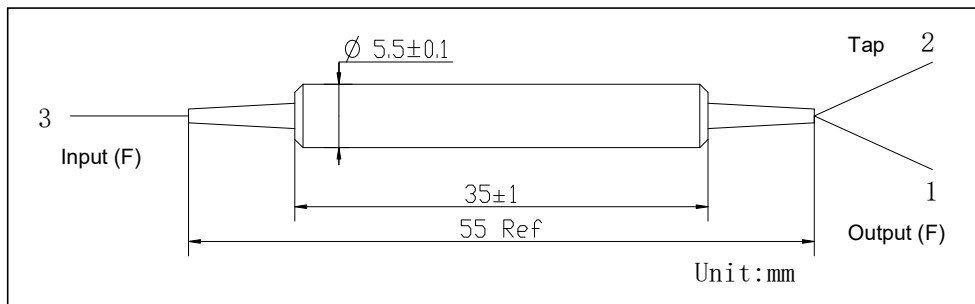
Parameters	Unit	Values	
		Single Stage	Dual Stage
Stage	-		
Center Wavelength	nm	1310, 1480 or 1550	
Operating Wavelength Range	nm	±20	
Max. Excess Loss	dB	0.7	0.8
Tap Ratio (Input to Tap)	%	1 ±0.2 , 10 ±2 or Specify	
Typ. Peak Isolation	dB	40	55
Min. Isolation at 23°C	dB	28	45
Min. Return Loss (Input/Output)	dB	55/55	
Max. PDL (Port 1 to Port 3)	dB	0.1	0.15
Max. PDL (Port 1 to Port 2)	dB	0.1 / 0.25(for Tap Ratio <5%)	0.15 / 0.3(for Tap Ratio <5%)
Max. PMD (Port 1 to Port 3)	ps	0.25	0.1
Min Directivity (Port 3 to Port 2)	dB	55	
Max. Optical Power (CW)	mW	500	
Max. Tensile Load	N	5	
Operating Temperature	°C	-5 to +70	
Storage Temperature	°C	-40 to +85	

\*PMD<0.1ps is available. Please refer to below ordering information.

\*Above specifications are for device without connector.

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

\*The material must be RoHS compliant.

**Package Dimensions****Ordering Information**

**TAPI-①-②-③③-④-⑤⑤⑤-⑥⑥⑥-⑦-⑧-⑨**

①: Wavelength

1310 - 1310nm

1480 - 1480nm

1550 - 1550nm

S - Specify

②: Stage

S - Single Stage

D - Dual Stage

③③: Coupling Ratio

01 - 1/99

10 - 10/90

SS - Specify

④: PMD

1 - 0.1ps Max.

2 - Refer to above Spec.

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

F - 900um White Loose Tube

S - Specify

⑦: Fiber Type

5 - SMF-28e

S - Specify

⑧: Fiber Length

0.8 - 0.8 m

S - Specify

⑨: Package Dimensions

01 - Ø5.5×35

S - Specify