

**Features**

- Low PDL
- Low Insertion Loss
- Low Cost

**Applications**

- Fiber Amplifier
- Fiber Optic System
- Fiber Laser

**Specifications**

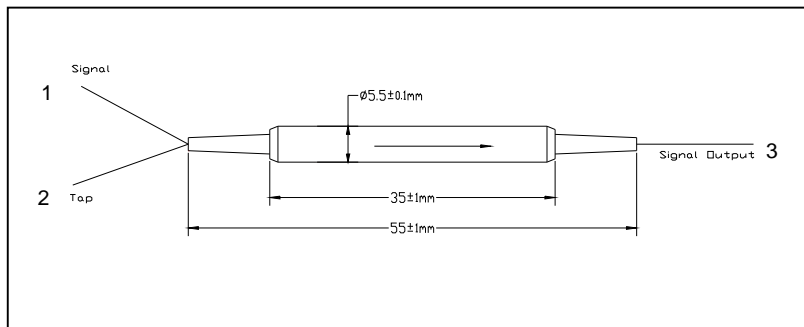
Parameters	Unit	Values	
		Single Stage	Dual Stage
Center Wavelength	nm	1310, 1480 or 1550	
Operating Wavelength Range	nm	±20	
Max. Excess Loss	dB	0.7	0.8
Tap Ratio (Input to Tap)	%	1+/-0.2, 2+/-0.4, 5+/-1.0, 10+/-2.0	
Typ. Peak Isolation	dB	40	55
Min. Isolation at 23°C	dB	28	45
Min. Return Loss (Input/Output)	dB	55/55	
Max. PDL (Port 1 to Port 3, Port 1 to Port 2)	dB	0.1	0.15
Max. PMD (Port 1 to Port 3)	ps	0.25 <sup>1</sup>	0.1
Min Directivity (Port 3 to Port 2)	dB	55	
Max. Optical Power (CW)	mW	500	
Max. Tensile Load	N	5	
Fiber Type	m	SMF-28e Fiber	
Operating Temperature	°C	-5 to +70	
Storage Temperature	°C	-40 to +85	

<sup>1</sup>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.

**Package Dimensions**



**Ordering Information**

TAPI-①①-②-③③-④-⑤⑤⑤-⑥⑥⑥-⑦

①①: Wavelength

- 31 - 1310nm
- 48 - 1480nm
- 55 - 1550nm
- SS - Specify

②: Stage

- S - Single Stage
- D - Dual Stage

③③: Coupling Ratio

- 01 - 1/99
- 02 - 2/98
- 05 - 5/95
- 10 - 10/90
- SS - Specify

④: PMD

- 1 - 0.1ps Max.
- 2 - Refer to above Spec.

: Connector Type on Port 1, 2 & 3

- 1 - FC/UPC
- 2 - FC/APC
- 3 - SC/UPC
- 4 - SC/APC
- N - None
- S - Specify

⑥⑥⑥: Fiber Jacket on Port 1, 2 & 3

- B - 250um Bare Fiber
- L - 900um Loose Tube
- S - Specify

⑦: Fiber Length

- 1 - 1.0m
- S - Specify