

Polarization Insensitive Tap Isolator



Features

Low PDL
Low Insertion Loss
Low Cost

Applications

Fiber Amplifier
Fiber Optic System
Fiber Laser

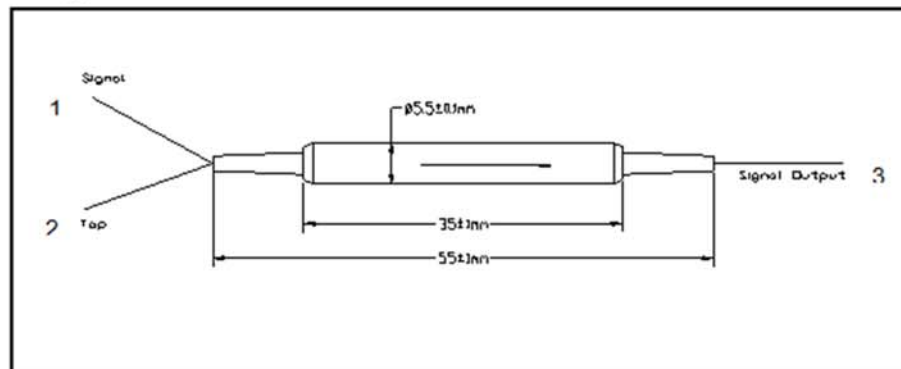
Specifications

Parameters	Unit	Values	
		Single Stage	Dual Stage
Stage			
Center Wavelength	nm	1064	
Operating Wavelength Range	nm	±5	
Typ. Peak Isolation	dB	40	55
Min. Isolation at 23°C	dB	35	48
Typ. Insertion Loss at 23°C (for 5% Tap ratio only)	dB	1.6	2.6
Max. Insertion Loss at -5°C-50°C (for 5% Tap ratio only)	dB	2.0	3.2
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
Min Directivity (Port 3 to Port 2)	dB	55	
Coupling Ratio & Tolerance	%	5.0±1	
Max. Optical Power (CW)	mW	300	
Max. Tensile Load	N	5	
Fiber Type	m	HI 1060 Fiber	
Operating Temperature	°C	-5 to +50	
Storage Temperature	°C	-40 to +85	

*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-①①-②-③③-④④④-⑤⑤⑤-⑥

①①: Wavelength
06 - 1064nm

②: Stage
S - Single Stage
D - Dual Stage

③③: Coupling Ratio
05 - 5/95
SS - Specify

④④④: Connector Type on Port 1, 2 & 3
1 - FC/UPC
2 - FC/APC
3 - SC/UPC
4 - SC/APC
N - None
S - Specify

⑤⑤⑤: Fiber Jacket on Port 1, 2 & 3
B - 250um Bare Fiber
L - 900um Loose Tube
S - Specify

⑥: Fiber Length
1 - 1.0m
S - Specify