



Features

- Low PDL
- Low Insertion Loss
- Low Cost
- Small Package

Applications

- Compact Fiber Amplifiers
- Compact Fiber Optic Systems
- Fiber Lasers
- Fiber Sensors

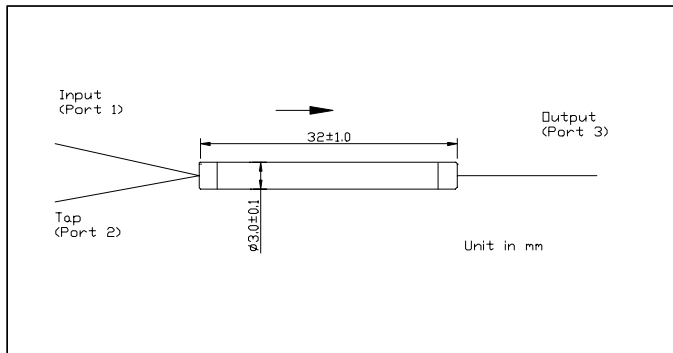
Specifications

Parameters	Unit	Values	
		Single Stage	Dual Stage
Stage		Single Stage	Dual Stage
Center Wavelength	nm	1310 or 1550	
Operating Wavelength Range	nm	±20	
Tap Ratio (Port 1 to Port 2)	%	1+/-0.2, 2+/-0.4, 5+/-1	
Typ. Peak Isolation	dB	40	55
Min. Isolation at 23°C	dB	28	45
Typ. Excess Loss at 23°C	dB	0.5	0.6
Max. Excess Loss at -5°C-70°C	dB	0.7	0.8
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	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	

*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

MTAPI-①①-②-③③-④-⑤⑤⑤-⑥⑥⑥-⑦

①①: Wavelength

31 - 1310nm

48 - 1480nm

55 - 1550nm

SS - Specify

④: PMD

1 - Refer to above Spec.

⑤⑤⑤: 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

②: Stage

S - Single Stage

D - Dual Stage

③③: Coupling Ratio

01 - 1/99

02 - 2/98

05 - 5/95

SS - Specify