

Tap Isolator Hybrid Device (TAPI 1550)



1. Description

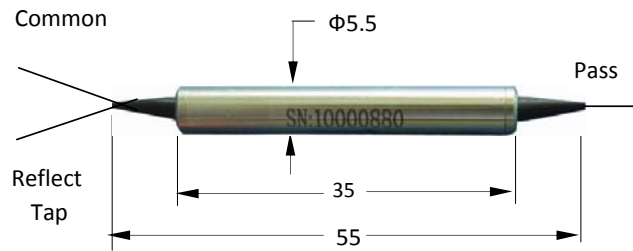
The TAPI is built with isolator and Tap filter (1%~10% optional) to fulfill hybrid tap + isolator function in one single compact package.

2. Features

- Wide Operating Wavelength
- Low IL & PDL & High Isolation
- High Stability and Reliability

3. Applications

- Fiber Amplifier
- WDM System
- Fiber optic Instrument



4. Specifications

Parameters	Unit	Single stage	Dual stage
Operating Wavelength	nm	1535~1565	
Tap Channel Insertion Loss	dB	1% ± 0.2%	
		2% ± 0.4%	
		5% ± 1.0%	
		10% ± 2.0%	
Isolation (at 23°C)	dB	≥30	≥44
Typical Insertion Loss	dB	0.6	0.8
Insertion Loss	dB	≤0.8	≤1.0
PDL	dB	≤0.1	
Return Loss	dB	≥50	
Directivity	dB	≥50	
Optical Power	mW	≤500	
Operating Temperature	°C	-5 ~ +70	
Storage Temperature	°C	-40~ + 85	
Fiber Type	--	SMF-28e	
Fiber length	m	1.0	
Package Dimension	mm	φ5.5x38	

Remark:

* Above specifications are for device without connector.

* For devices with connectors, please refer to patchcord spec, the "fiber length" is with connectors.

5. Ordering Information

TAPI - 1x2 - - - - - - -

Wavelength	Coupling ratio	Stage	Pigtail type	Package	Connector	Fiber length
1310 1480 1550 etc.	1/99 5/95 etc.	S=Single stage D=Dual stage	0=Bare fiber 1=0.9mm loose tube	5.5x35mm	FC/PC, FC/APC SC/PC SC/APC etc.	0.5m 0.8m 1m etc.

Example: TAPI-1x2-1550-S-1/99-F-0-5.5x35-FC/PCx3-0.8m