

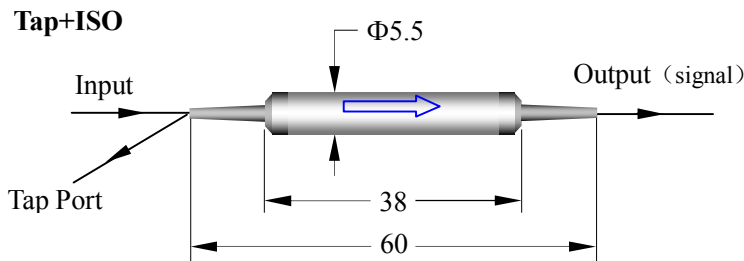
# Tap Isolator (TAPI)

## Description

Tap/Isolator device is made by special packaging technology, which combines Tap and isolator into a compact package. It has Tap and isolator function at the same time. It is widely used in EDFA and other fields.

## Key Features

- Compact size
- Low insertion loss
- High channel isolation
- Low cost



## Specifications

Parameter	Type	Single stage	Dual stage
Operating wavelength (nm)		1310±15 or 1550±15	
Minimum isolation@ 23°C (dB)		≥30	≥48
Insertion loss (Signal) (dB)	95%(5/95)	≤1.0	≤1.1
	90%(10/90)	≤1.3	≤1.4
Insertion loss(Tap) (dB)	5%(5/95)	≤14.5	
	10%(10/90)	≤11.3	
PMD (ps)		≤0.25	≤0.05
PDL (dB)		≤0.1	
Return loss (dB)		≥50	
Thermal stability (Except tap port) (dB/ °C)		≤0.005	
Power handling (mW)		≤500	
Operating temperature (°C)		-5 ~ +70	
Storage temperature (°C)		-40 ~ +85	
Package dimension (mm)		Φ5.5 × L38	
Fiber type		Corning SMF-28e	

\* The above specification is without connector. Other specification can be made on customer request.

## Ordering Information

