

Tap Isolator (TAPI)

Features

Low insertion loss
High extinction ratio
High stability & Reliability

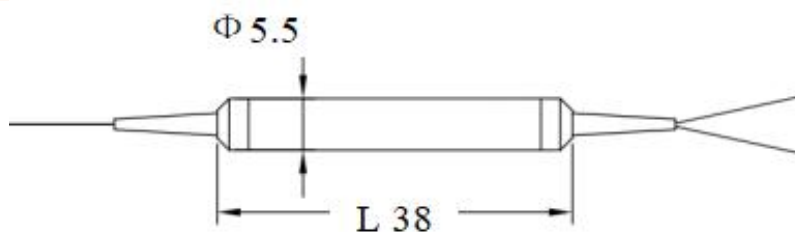
Applications

Fiber Amplifier
Fiber sensor
Fiber Laser Marking
Laboratory R&D

Parameter		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

Mechanical Dimension



Ordering Information

specification	GCTAPI
Package	5.5×38
Connector	FC/UPC, FC/APC etc
Fiber code	specify
Pigtail type	0=250μm, 1=900μm, 2=2mm, 3=3mm, 4=others
Type	S=Single stage, D= Dual stage
Coupling ratio	1/99, 5/95, 10/90, 50/50 etc
Operating wavelength	1310, 1550 etc
Port Number	1×2