

Isolator Tap Hybrid

Descriptions

The Isolator Tap Hybrid is characterized with low insertion loss, high isolation, high return loss, excellent environmental stability and reliability.

Features

- ▶ High Isolation
- ▶ Low Insertion Loss
- ▶ High Return Loss
- ▶ High stability & Reliability

Applications

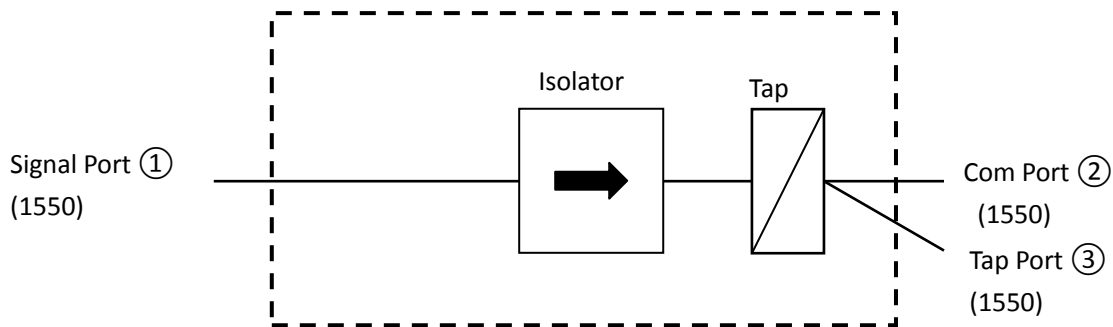
- ▶ Fiber Laser
- ▶ Raman Amplifiers
- ▶ Communication Systems

Specifications

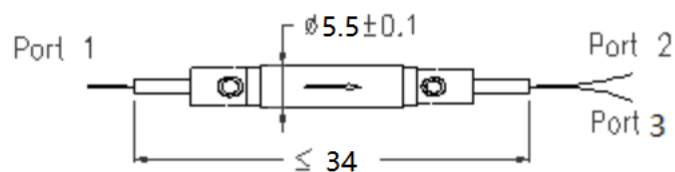
Parameters		Units	Min	Typical	Max
Signal Channel Wavelength,1		nm	1528		1569
Tap Ratio		-	5%		
Insertion Loss(over SOP, All T) without Tap Loss	1→2@11	dB			1.2
	2→3@11	dB	12		14
PDL	1→2@11	dB			0.2
	2→3@11	dB			0.2
WDL	1→2@11	dB			0.2
	2→3@11	dB			0.2
RL		dB	50		
Isolation (over SOP, All T)		dB	35		
Polarization Mode Dispersion		ps			0.05
Pigtail Length		m	1		
Fiber Type	Port1	-	G657.A2		
	Port2	-	G657.A2		
	Port3	-	G657.A2		
Fiber Jacket		-	Bare Fiber		
Fiber color	Port1	-	Natural		
	Port2	-	Black		
	Port3	-	Natural		
Operating Temperature		°C	-5 to +70		
Storage Temperature		°C	-40 to +85		
Dimensions		mm	5.5 (φ) x 34 (L)		

Remark: * The Above specifications is without connector. IL is 0.40dB higher, RL is 5dB lower for each connector added.

OPTIC SPECIFICA



Mechanical Drawing



Ordering Information

ITAP - A - B - C - D - E - F - G		
A	Center Wavelength	1550=1528~1569nm
B	Tap ratio	05=5/95 ,or others
C	Fiber Type	G657.A2
D	Pigtail Type	BF=Bare Fiber, or others
E	Connector Type	N=None, LC/UPC, LC/APC, SC/UPC,SC/APC, FC/UPC, FC/APC,etc
F	Package Size	5..5x34mm, or others
G	Fiber length	003=0.3m, 005=0.5m; 010=1.0m 100=10m etc
For example: ITAP-1550-05-G657A-BF -N-5.5x34-010		