

Tap Coupler / Optical Isolator Hybrid

Features

High isolation
 Low Insertion Loss
 High Return Loss
 Low PDL
 Optical Path Epoxy Free

Applications

Fiber optic Amplifiers
 CATV Fiber optic Links
 Fiber optic Systems Testing
 Fiber optic LAN Systems
 Telecommunications

Specifications

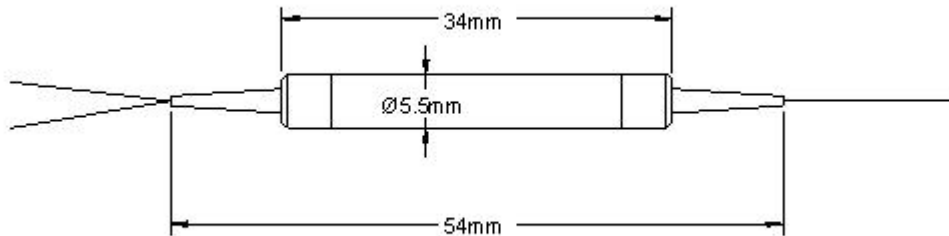
Parameter	Single Stage	Dual Stage
Operating Wavelength (nm)	1550	
Tap Channel Isolation Loss(dB)	2%(16.2 ~ 18.0), 5%(12.1 ~ 14.0)	
Minimum Isolation * (dB)	>=31	>=45
Signal Channel Typical Insertion Loss** (dB)	<=0.6	<=0.8
Signal Channel Maximum Insertion Loss*** (dB)	<=0.8	<=1.0
Return loss (dB)	>=55	
PDL (dB)	<0.1	
Bandwidth (nm)	+ -15	+ -30
Operating Temperature (° C)	-20 ~ + 70	
Storage Temperature (° C)	-40 ~ +85	
Fiber Type	Corning SMF-28	
Fiber Length (Min.)	1 meter each end	
Package Dimension (mm)	f 5.5xL30(L38 for 900um jacket)	
Power Handling (mW)	300	

* At 23° C over bandwidth

** Does not include connector, splice and fiber-end fresnel losses

*** Including PDL, center wavelength + 20 nm, -20 to + 70° C

Imagine



Ordering Information

TISO	Wavelength	Stage	Tap Ratio	Fiber Style	Fiber Length	Connector
	15=1550nm	S=Single stage U=Dual stage	01=1% 02=2% 03=3%	B=250um bare fiber L=900um	10=1.0m 15=1.5m 20=2.0m 30=3.0m	NE=None FA=FC/APC FC=FC/PC SA=SC/APC SC=SC/PC ST=ST/PC LA=LC/APC LC=LC/PC XX=others

