



980/1550nm

WDM-Tap

Coupler-

Isolator

Hybrid

Combination

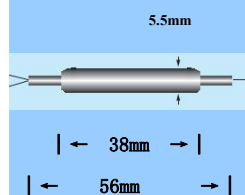
Features

- .Wide Operating Wavelength Range
- Low insertion loss
- .High channel isolation
- Ultra Low PDL & PMD
- .High stability and reliability
- .Epoxy Free Optical Path

Applications

- Fiber optic Amplifier
- .CATA Fiber optic Links
- WDM Systems
- .Fiber optic Instruments
- .Transmitters and bFiber Lasers
- Laboratory R & D

Package Dimensions



Performance Specifications

Parameter		Single Stage	Dual Stage
Signal Operation Wavelength Range (nm)	C band	1530~1560	
Pump Channel Wavelength Range(nm)		960~990	
Isolation (dB) (Over signal wavelength range@23℃,all SOP)		≧ 30	≧ 42
Isolation (dB) (4 to 2 @ A signal)		≧ 15	
Isolation (dB) (1 to 2 or 2 to 1 @ A pump)		≧ 30	
Insertion Loss (over wavelength range and 0 to +70℃,all SOP) (dB)	Pump Channel	≧ 0.6	
	Sianal Channel	≧ 1.3	≧ 1.4
	Tap Ratio 1%	19.0~21	
	Tap Ratio 2%	16.2~18.0	
Tap Ratio 5%		12.2~14.0	
TDL (dB)		≧ 0.25	≧ 0.3
WDL (dB)		≧ 0.5	
Return Loss (dB)		≧ 50	
Directivity (dB)		≧ 50	
PDL (dB)		≧ 0.15	≧ 0.2
PMD (ps) (Low PMD Option)		≧ 0.05	≧ 0.05
Power Hangling(mW)		300	
Operating Temperaure (℃)		-10~+75	
Starage Temperature (℃)		-40~+85	
Dimension(mm)		∅5.5 × L38	
Fiber Type		Corning HI 1060 fiber at common/pump port Corning HI 1060 fiber or SMF-28e fiber at common port Corning SMF-28e fiber at signal	

Date are referenced without connector loss;Specifications may change without notice.

Ordering Information

WTIH	□□	□	□□	□	□	□	□
	Wavelength	Stage	Tap Ratio	configuration	Pigtail Style	Fiber Length	In/Out Connector
	59=1550nm	S=Singl e Stage	01=1% 02=2%	F=Forward pump B=Backward pump	1=Bare Fiber 2=900um Loose tube	1=1m 2=2m	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC