

Features

- Wide operating wavelength range
- Compact size
- High Isolation
- Ultra Low PDL&PMD
- Epoxy-free on Optical Path

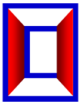
Applications

- Fiber optic Amplifiers
- CATV Fiber optic links
- WDM systems
- Fiber optic instruments



Specifications

Parameter		Single Stage	Dual Stage	
Operating Wavelength Range (nm)	Signal Channel	C band:1528~1564 or L band:1570~1605		
	Pump Channel	965~995		
Insertion Loss (dB)	Signal Port	<1.4	<1.5	
	Pump Port	<0.6		
	Tap Port	1% Tap Ratio	19.2~21.0	
		2% Tap Ratio	16.2~18.0	
		5% Tap Ratio	12.2~14.0	
10 Tap Ratio		9.6~10.8		
Wavelength Dependent Loss (dB)	Signal to Common	<0.5		
Wavelength Isolation (dB)	Signal to Common@Pump Wavelength Range	>30		
	Pump to Common@Signal Wavelength Range	>12		
Reverse Direction Isolation (over signal wavelength range,0~70°C,all sop) (dB)	Common to Signal	>21	>36	
Polarization Dependent Loss (dB)		<0.1	<0.2	
Polarization Mode Dispersion(standard) (ps)		<0.25	<0.05	
Directivity (dB)		≥50		
Return Loss (dB)		≥45		
Optical Power (mW)		≤500		
Operating Temperature (°C)		-0~+70		
Storage Temperature (°C)		-40~+85		



Fiber Type	Signal & Tap Ports	Corning SMF-28
	Common & Pump Ports	Corning HI1060
Package size (mm)	Φ5.5x40	

* 900um loose tube fiber available and connectorized process available.

 **Dimension (Unit:mm)**

