



Tap Coupler /Optical Isolator Hybrid



Features

- High Isolation
- Low Insertion Loss
- High Return Loss
- Low Polarization Sensitivity
- Optical Path Epoxy Free

Applications

- Fiberoptic Amplifiers
- CATV Fiberoptic Links
- Fiberoptic Systems Testing
- Fiberoptic LAN Systems
- Telecommunications

Performance Specifications

Parameter	Single Stage	Dual Stage
Operating Wavelength(nm)	1550	
Tap Channel Insertion Loss(dB)	1% (19.0~20.8), 2%(16.2 ~ 18.0), 5%(12.2 ~ 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 m	
Dimensions (mm)	Φ5.5xL34(L38 for 900 um jacket)	
Power Handling(mW)	300	

* At 23°C over bandwidth

** Does not include connector, splice losses.

*** Including PDL, center wavelength 15nm, -20° C to +70° C.

Ordering Information

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	Wavelength	Stage	Tap Ratio	Pigtail Style	Fiber Length	In/Out Connector
	15=1550nm	S=Single Stage U=Dual Stag	01=1% 02=2% 05=5% etc.	1=Bare fiber 2=900um jacket	1=1m 2=2m	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC