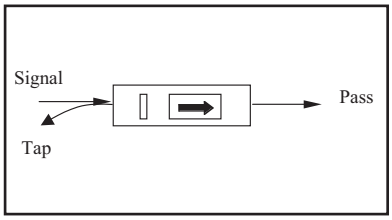
Hybrid Component-Tap Isolator

Features / Benefits

- Low insertion loss
- Compact size
- Reduced cost by integration
- Various tap ratio available

Applications

- EDFAs
- Performance monitoring



Specifications

Parameter		Unit	Single	Dual
Center Wavelength		nm	1550	
Peak Isolation	Min.	dB	42	55
Isolation (λc ± 15nm, 23°C, any SOP)	Min.	dB	31	46
Insertion loss (λc, 23°C, any SOP)	Typ.	dB	0.5(1% option) 0.55(3% option) 0.65(5% option)	0.6 (1% option) 0.65 (3% option) 0.75 (5% option)
Insertion Loss (λc ± 20nm, 0 ~ 70°C, any SOP)	Typ.	dB	0.8 (1% option) 0.8 (3% option) 0.9 (5% option)	1.0 (1% option) 1.0 (3% option) 1.1 (5% option)
Insertion Loss for Tap Port (λc ± 20nm, 23°C, any SOP)	Max.	dB	19 ~ 21 (1% option) 14 ~ 17 (3% option) 12 ~ 14 (5% option)	
Directivity	Min.	dB	55	
Polarization Dependent Loss	Max.	dB	0.1	
Polarization Mode Dispersion	Max.	ps	0.05	
Return Loss	Min.	dB	55	
Fiber Type			SMF-28	
Fiber Length	Min.	m	1.0	
Operating Temperature		°C	0 ~ 70	
Storage Temperature		°C	-40 ~ 85	
Power Handling	Max.	mW	1000	
Package Dimension		mm	Φ5.5 x 36	

Note: Return loss without connector; insertion loss does not include connector

Ordering Information

I	T	A	P				0	0				

Type	Tap Ratio	Fiber Type	Fiber Length	Pigtail	Connector Type
S= Single Stage D=Dual Stage	01=1% 03=3% 05=5%	1=SMF28	0=0.5m 1=1.0m 2=1.5m 3=2.0m	1=250μm Bare fiber 2=0.9mm loose tube	0=None 1=FC/PC 2=FC/SPC 3=FC/APC 4=SC/SPC 5=SC/APC 6=ST 7=FC/UPC 8=SC/UPC 9=MU A=LC

This product information is subject to change without notice.