



ISOLATOR HYBRD TAP COUPLER / ISOLATOR

Specifications

Parameter	Unit	Single Stage	Dual Stage
Operating Wavelength	nm	1550	
Tap Channel Insertion 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.)	m	1 meter each end	
Package Dimension (with 250um fiber)	mm	Φ5.5 xL35	
Package Dimension (with 900um fiber)	mm	Φ5.5 x L38	
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

Ordering Information

TISO	Wavelength	Stage	Tap Ratio	Fiber Type	Fiber Length	Connector
TISO	15=1550nm	S=Single Stage D=Dual Stage	01=1% 02=2% 03=3%	B=SMF-28, 250um L= SMF-28, 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
	13=1310nm			X=Others		
	XX=Others		XX=Others		XX=Others	