

## ISOLATOR HYBRID: TAP COUPLER + ISOLATOR (1310, 1550)

### Specifications

Contact Ascentta with your custom specification needs.

Parameter			Unit	Single Stage	Dual Stage	
Signal Channel	Wavelength		nm	1310±15, or 1550±15	1310±30, or 1550±30	
	Isolation (All SOP)	( $\lambda_c$ , 23°C)	Typ.	dB	40	50
		(23°C)	Min	dB	31	45
Insertion Loss (All SOP)	(23°C)	Typ.	dB	0.6	0.8	
	(-5 to 70°C)	Max	dB	0.8	1.0	
Tap Port	Insertion Loss (All SOP)	2%	dB	16.2 ~ 18.0		
		5%	dB	12.1 ~ 14.0		
Ripple			Max	dB		0.5
PDL			Max	dB		0.15
PMD			Max	ps		0.1
Return Loss			Min	dB		55
Optical Power Handling			mW			300
Package Dimension			mm			Φ5.5 x L35
Operation Temperature			°C			-5 to 70
Storage Temperature			°C			-40 to 85

\* The above specifications are for parts without connectors. Adding connectors can affect the IL, RL, & PDL.

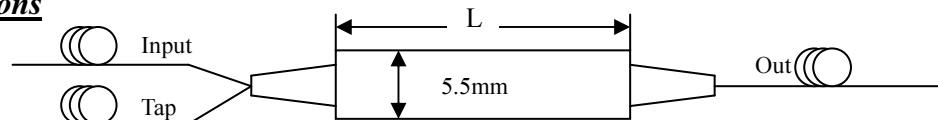
\* SOP=State Of Polarization

### Ordering Information

Contact Ascentta with your custom configuration needs.

TISO	Wavelength	Stages	Tap Ratio	Fiber Type	Fiber Length	Connector	
TISO	13=1310nm	S=Single Stage	01=1%	B=SMF-28, 250um	10=1.0m	NE=None FA=FC/APC FC=FC/PC SA=SC/APC SC=SC/PC ST=ST/PC LA=LC/APC LC=LC/PC  X=Others	
	15=1550nm	D=Dual Stage	02=2%	L= SMF-28, 900um	15=1.5m		
	X=Others			03=3%	X=Others		20=2.0m
				05=5%			30=3.0m
			X=Others		X=Others		

### Package Dimensions



Contact Ascentta for all your custom design needs.