

## MINI-SIZE SINGLE-MODE 3-PORT OPTICAL CIRCULATOR (1310, 1550nm, or C+L Band)

### Specifications

Contact Ascentta with your custom specification needs.

Parameter			Unit	1310, or 1550	C+L Band
Wavelength			nm	1310±20, or 1550±20	1530-1610
Transmitting Direction			-	1→2, 2→3	
Isolation (All SOP) (2→1, or 3→2)	(λc, 23°C)	Typ.	dB	55	55
	(23°C)	Min	dB	40	35
Insertion Loss (All SOP) (1→2, or 2→3)	(λc, 23°C)	Typ.	dB	0.6	0.8
	(23°C)	Max	dB	0.8	1.0
PDL		Max	dB	0.15	0.20
PMD		Max	ps	0.10	
Return Loss		Min	dB	55	
Directivity (1→3, or 3→1)		Min	dB	55	
Optical Power Handling		Max	mW	300	
Package Dimension			mm	Φ5.5 x L38	
Operating 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.

CIR	Port	Wavelength	Fiber Type	Fiber Length	Connector	Package
CIR	3=3-Port	13=1310nm	B= SMF-28, 250um	10=1.0m	NE=None	5.5x38 = Mini (Φ5.5 x L38)
		15=1550nm	L= SMF-28, 900um	15=1.5m	FA=FC/APC	
		159=1590nm		20=2.0m	FC=FC/PC	
		CL=C+L Band	X=Others	30=3.0m	SA=SC/APC	X=Others
		X=Others		X=Others	SC=SC/PC	
					ST=ST/PC	
					LA=LC/APC	
					LC=LC/PC	
					X=Others	

### Package Dimensions

