

## SINGLE-MODE 3-PORT OPTICAL CIRCULATOR (C+L Band)

### Specifications

Contact Ascentta with your custom specification needs.

Parameter		Unit	Value
Wavelength		nm	1530–1610
Transmitting Direction		-	1→2, 2→3
Isolation (23°C, All SOP) (2→1, or 3→2)	Typ.	dB	50
	Min	dB	35
Insertion Loss (23°C, All SOP) (1→2, or 2→3)	Typ.	dB	0.8
	Max	dB	1.0
PDL	Max	dB	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
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	CL=C+L Band	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	Blank = Standard (Φ5.5 x L50)
		X=Others	X=Others	X=Others		5.5x38 = Mini (Φ5.5 x L38)
					X=Others	X=Others

### Package Dimensions

