

## SINGLE-MODE 3-PORT OPTICAL CIRCULATOR (2000nm)

### Specifications

Contact Ascentta with your custom specification needs.

Parameter		Unit	Value
Wavelength		nm	2000±30
Transmitting Direction		-	1→2, 2→3
Isolation (All SOP) (2→1, or 3→2)	( $\lambda_c$ , 23°C)	Typ. dB	20
	(23°C)	Min dB	16
Insertion Loss (All SOP) (1→2, or 2→3)	( $\lambda_c$ , 23°C)	Typ. dB	1.3
	(23°C)	Max dB	1.5
PDL		Max dB	0.2
Return Loss		Min dB	50
Directivity (1→3, or 3→1)		Min dB	40
Optical Power Handling		Max W	1, or 2, or 5
Peak Power for ns Pulse		Max KW	10
Package Dimension		mm	39L x 17W x 12T
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.

\* Adding connectors limits power to 1W.

\* SOP=State Of Polarization

### Ordering Information

Contact Ascentta with your custom configuration needs.

CIR	Port	Wavelength	Fiber Type	Fiber Length	Connector	Power	Power Type
CIR	3=3-Port	20=2000nm X=Others	B= SMF-28, 250um L= SMF-28, 900um X=Others	10=1.0m 15=1.5m 20=2.0m 30=3.0m X=Others	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	1W=1W 2W=2W 5W=5W X=Others	Pulse = Pulse CW=Continuous Wave

### Package Dimensions

