

## ULTRA-BROADBAND SINGLE-MODE 3-PORT OPTICAL CIRCULATOR (1290-1620nm)

### Specifications

Contact Ascentta with your custom specification needs.

Parameter	Unit	Value
Wavelength	nm	1290-1620
Transmitting Direction	-	1→2, 2→3
Isolation (All SOP) (2→1, or 3→2)	( $\lambda_c$ , 23°C) Typ.	dB 23
	(23°C) Min	dB 20
Insertion Loss (All SOP) (1→2, or 2→3)	( $\lambda_c$ , 23°C) Typ.	dB 1.7
	(23°C) Max	dB 2.0
PDL	Max	dB 0.25
PMD	Max	ps 0.2
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.

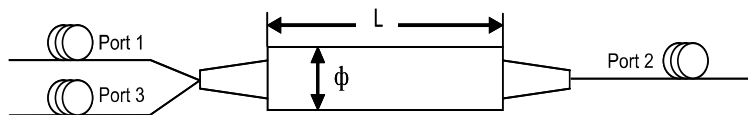
\* SOP=State Of Polarization

### Ordering Information

Contact Ascentta with your custom configuration needs.

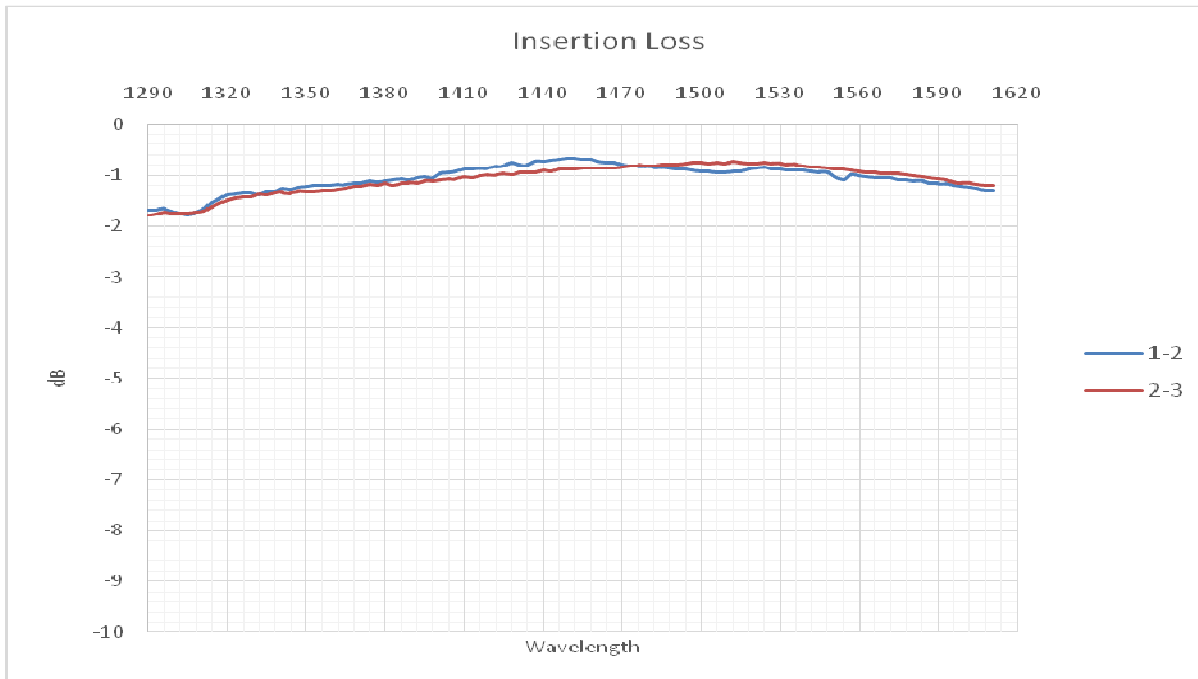
CIR	Port	Wavelength	Fiber Type	Fiber Length	Connector	Package
CIR	3=3-Port	1290-1620=	B= SMF-28, 250um	10=1.0m	NE=None	Blank = Standard (Φ5.5 x L50)
		1290-1620nm	L= SMF-28, 900um	15=1.5m	FA=FC/APC	
		X=Others	X=Others	20=2.0m	FC=FC/PC	5.5x38 = Mini (Φ5.5 x L38)
				30=3.0m	SA=SC/APC	
				X=Others	SC=SC/PC	X=Others
					ST=ST/PC	
					LA=LC/APC	
					LC=LC/PC	
					X=Others	

### Package Dimensions



**Typical Curve:**

Insertion Loss:



Isolation:

