

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)	(λ_c , 23°C)	Typ.	dB	23
	(23°C)	Min	dB	20
Insertion Loss (All SOP) (1→2, or 2→3)	(λ_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	50
Directivity (1→3, or 3→1)		Min	dB	50
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.

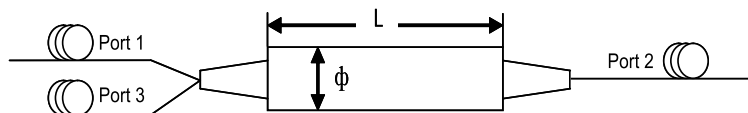
* SOP=State Of Polarization

Ordering Information

Contact Ascentta with your custom configuration needs.

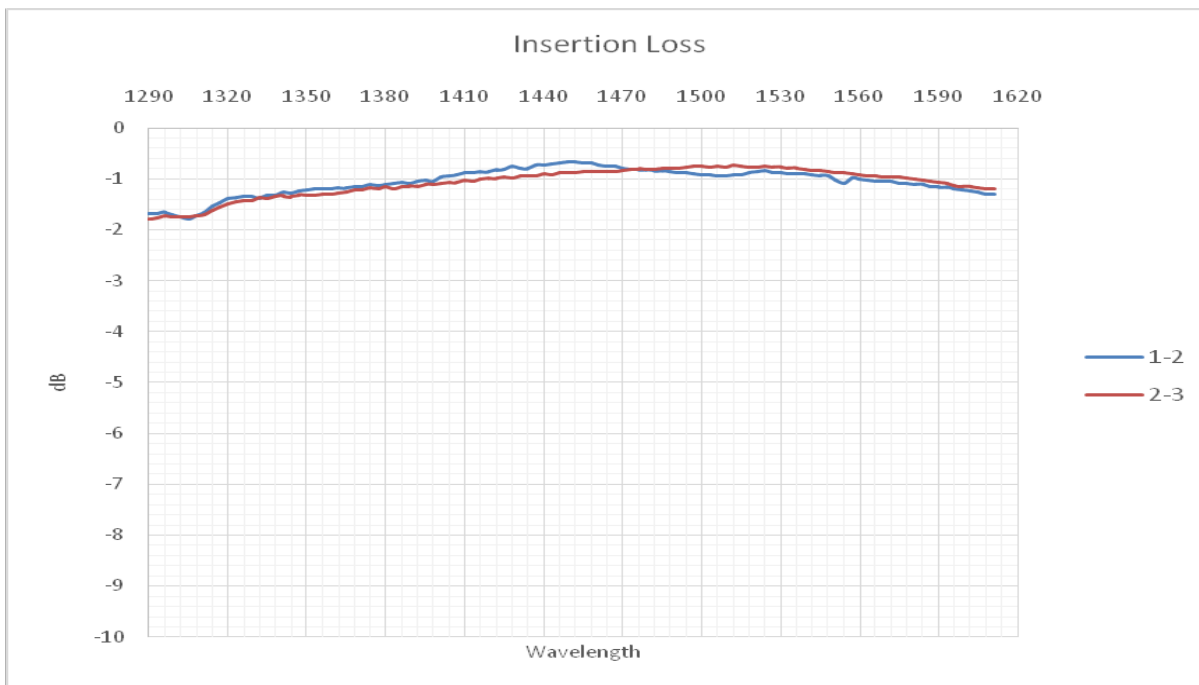
CIR	Port	Wavelength	Fiber Type	Fiber Length	Connector	Package
CIR	3=3-Port	1290-1620=	B= SMF-28, 250um	10=1.0m	NE=None	Blank = Standard (Φ 5.5 x L50)
		1290-1620nm	L= SMF-28, 900um	15=1.5m	FA=FC/APC	
		X=Others	X=Others	20=2.0m	FC=FC/PC	5.5x38 = Mini (Φ 5.5 x L38)
				30=3.0m	SA=SC/APC	
				X=Others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

Package Dimensions



Typical Curve:

Insertion Loss:



Isolation:

