

SINGLE-MODE 4-PORT OPTICAL CIRCULATOR

(1310, 1480, 1550, or 1590nm)

Specifications

Contact Ascentta with your custom specification needs.

Parameter		Unit	Value	
Wavelength		nm	1310±30, or 1480±30, or 1550±30, or 1590±30	
Transmitting Direction		-	1→2, 2→3, 3→4	
Isolation (All SOP) (4→3, or 3→2, or 2→1)	(λ_c , 23°C)	Typ.	dB	55
	(23°C)	Min	dB	40
Insertion Loss (All SOP) (1→2, or 2→3, or 3→4)	(λ_c , 23°C)	Typ.	dB	0.8
	(23°C)	Max	dB	1.0
PDL		Max	dB	0.15
PMD		Max	ps	0.10
Return Loss		Min	dB	55
Directivity (1→4, or 1→3, or 2→4, or 3→1, or 4→2, or 4→1)		Min	dB	50
Optical Power Handling		Max	mW	300
Package Dimension		mm	W6 x T7 x L65	
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	4=4-Port	13=1310nm 14=1480nm 15=1550nm 159=1590nm 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	Blank = Standard X=Others

Package Dimensions

