

3-PORT POLARIZATION-DEPENDENT FREE-SPACE CIRCULATOR (1310, 1480, 1550, 1590nm)

Specifications for Free Space Circulator

Contact Ascentta with your custom specification needs.

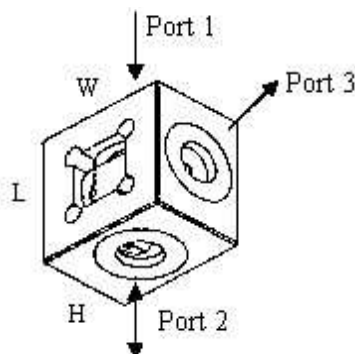
Parameter	Unit	Value	
Wavelength	nm	1310, or 1480, or 1550, or 1590	
Operating Range	nm	±20	
Transmitting Direction	-	1→2, 2→3	
Isolation (23°C) (2→1, or 3→2)	Typ.	dB	40
	Min	dB	20
Insertion Loss (23°C) (1→2, or 2→3)	Typ.	dB	0.6
	Max	dB	0.8
Return Loss	Min	dB	50
Extinction Ratio	Min	dB	20
Directivity (1→3, or 3→1)	Min	dB	50
Optical Power Handling	Max	mW	300
Package Dimension	mm	7.0L x 7.0W x 5.0H	
Operating Temperature	°C	-5~70	
Storage Temperature	°C	-40~85	

Ordering Information

Contact Ascentta with your custom configuration needs.

FSC	Port	Type	Stage	Latching Type	Wavelength	Clear Aperture	Package Dimension
FSC	3=3-Port 4=4-Port	PD=Polarization Dependent	S=Single Stage	N=Non-latched type Garnet (With Magnet Ring)	10=1064nm 13=1310nm 14=1480nm 15=1550nm 159=1590nm	10=1.0mm 15=1.5mm 20=2.0mm	01=7.0*7.0*5.0mm X=Others
	D=Dual Stage		L=Latching Type Garnet (Without Magnet Ring)	X=Others	X=Others		

Package Dimensions



Contact Ascentta for all your custom design needs.