

Single-Mode 3-Port Optical Circulator (1310, 1480, 1550, or 1590nm)

Specifications

Contact Hengyan Photonics with your custom specification needs.

Parameter		Unit	Value
Center Wavelength		nm	1310, or 1480, or 1550, or 1590
Operating Wavelength Range		nm	$\lambda_c \pm 20$
Transmitting Direction		-	1→2, 2→3
Isolation (23°C, All SOP) (2→1, or 3→2)	Typ.	dB	55
	Min	dB	45
Insertion Loss (23°C, All SOP) (1→2, or 2→3)	Typ.	dB	0.6
	Max	dB	0.8
PDL	Max	dB	0.1
PMD	Max	ps	0.1
Return Loss	Min	dB	55
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

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CIR	Port	Wavelength	Fiber Type	Fiber Length	Connector	Package
CIR	3=3-Port	13=1310nm	B= SMF-28, 250um	10=1.0m	NE=None	Blank = Standard (Φ5.5 x L50)
		14=1480nm	L= SMF-28, 900um	15=1.5m	FA=FC/APC	
		15=1550nm	X=Others	20=2.0m	FC=FC/PC	5.5x38 = Mini (Φ5.5 x L38)
		159=1590nm		30=3.0m	SA=SC/APC	
		X=Others		X=Others	SC=SC/PC	X=Others
					ST=ST/PC	
					LA=LC/APC	
					LC=LC/PC	
					X=Others	

Package Dimensions

