

Single-Mode 3-Port Optical Circulator (1064nm)

Specifications

Contact Hengyan Photonics with your custom specification needs.

Parameter		Unit	Value
Center Wavelength		nm	1064
Operating Wavelength Range		nm	$\lambda_c \pm 5$
Transmitting Direction		-	1→2, 2→3
Isolation (2→1, or 3→2) (23°C) (All SOP)	Typ.	dB	30
	Min	dB	25
Insertion Loss (1→2, or 2→3) (23°C) (All SOP)	Typ.	dB	1.8
	Max	dB	2.2
PDL	Max	dB	0.2
PMD	Max	ps	0.1
Return Loss	Min	dB	45
Directivity (1→3, or 3→1)	Min	dB	50
Optical Power Handling	Max	mW	150
Package Dimension	mm	L65xW12xH10	
Operating Temperature	°C	-5 to 50	
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 Hengyan Photonics with your custom configuration needs.

CIR	Port	Wavelength	Fiber Type	Fiber Length	Connector	Package
CIR	3=3-Port	10=1064nm X=Others	HiB=Hi-1060, 250um	10=1.0m	NE=None	Blank=Standard X=Others
			HiL=Hi-1060, 900um	15=1.5m	FA=FC/APC	
			X=Others	20=2.0m	FC=FC/PC	
				30=3.0m	SA=SC/APC	
				X=Others	SC=SC/PC	
					ST=ST/PC	
					LA=LC/APC	
					LC=LC/PC	
					X=Others	

Package Dimensions

