

High Power Polarization Insensitive Optical Circulator

Features	
High isolation & High Return Loss	
Low insertion loss & PDL	
Optical Path Epoxy Free	
Application	
EDFA, DWDM and OTDR	
DWDM and OADM networks	
Bi-directional transmission system	

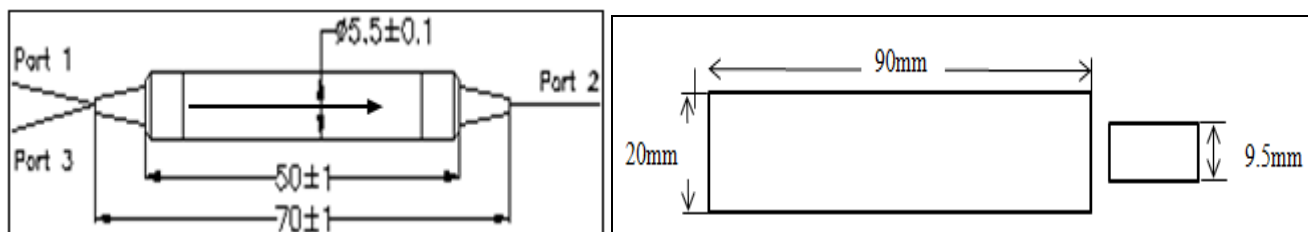
Specifications

Parameter	Type	3 Port	
	Operating wavelength (nm)		1550±30
Peak Isolation ,23°C (dB)		≥45	≥40
Isolation ,23°C (dB)		≥35	≥30
Insertion Loss,23°C (dB)		≤1.0	≤1.0
Insertion Loss ,0~70°C (dB)		≤1.2	≤1.2
PDL (dB)		≤0.15	≤0.20
Return loss (dB)		≥50	
PMD (ps)		≤0.1	
Directivity		≥50	
Power handling (W)		1,2,3,5	
Fiber Type		SMF-28e	
Operating temperature (°C)		0 ~ +70	
Storage temperature (°C)		-40 ~ +85	
Package	For bare fiber or 900um loose tube	φ5.5×L50(P3)	
Dimensions (mm)	For 3mm & 2mm cable	L90*W20*H9.5 (ABS) (P2)	

*Above specifications are for device without connector.

*For devices with connector, IL will be 0.3dB and RL will be 5dB lower, and max handling power is 1W.

Package Dimension



Ordering Information

HCIR	wavelength	Type	0	Power	Package type	Pigtail Type	Length	Connector
HCIR	1550=1550nm 1570=1570nm	3=3Port	0	1=1W 2=2W 3=3W 4=4W 5=5W A=10W	3=P3(5.5*50mm) 2=P2(90*20*9.5mm)	1=250um bare fiber 2=900um loose tube 3=3mm loose tube 4=2mm loose tube	H=0.5m 8=0.8m 1=1.0m 5=1.5m 2=2.0m 3=3.0m 4=4.0m A=2.5m B=5.0m	0=None 1=FC/UPC 2=FC/APC 3=LC/UPC 4=LC/APC 5=SC/APC 6=SC/UPC