

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	

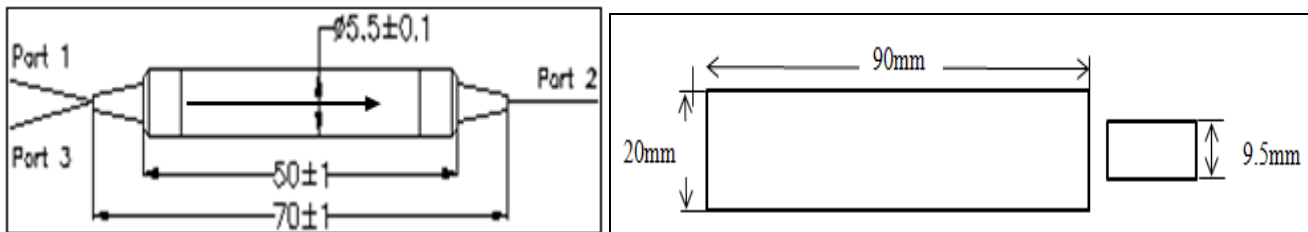
Specifications

Type		3 Port	
Parameter			
Operating wavelength (nm)		1550+/-30	C+L Band(1520~1620)
Peak .Isolation ,23℃(dB)		≥45	≥40
Isolation ,23℃(dB)		≥35	≥30
Insertion Loss,23℃(dB)		≤1.0	≤1.0
Insertion Loss ,0~70℃ (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 (℃)		0 ~ +70	
Storage temperature (℃)		-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	3=P3(5.5*50mm)	1=250um	H=0.5m	0=None
				2=2W	2=P2(90*20*9.5mm)	bare fiber	8=0.8m	1=FC/UPC
				3=3W		2=900um	1=1.0m	2=FC/APC
				4=4W		loose tube	5=1.5m	3=LC/UPC
				5=5W		3=3mm	2=2.0m	4=LC/APC
				A=10W		loose tube	3=3.0m	5=SC/APC
						4=2mm	4=4.0m	6=SC/UPC
						loose tube	A=2.5m	
							B=5.0m	