

Polarization Insensitive Optical Circulator

Features:

High isolation & High Return Loss
 Low insertion loss & PDL
 Optical Path Epoxy Free

Application:

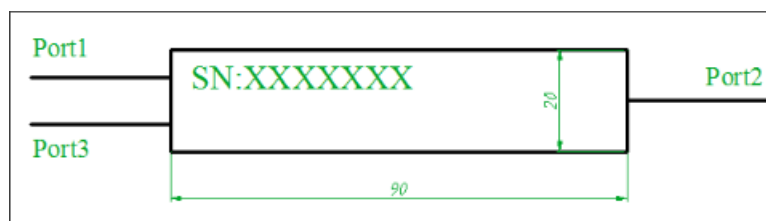
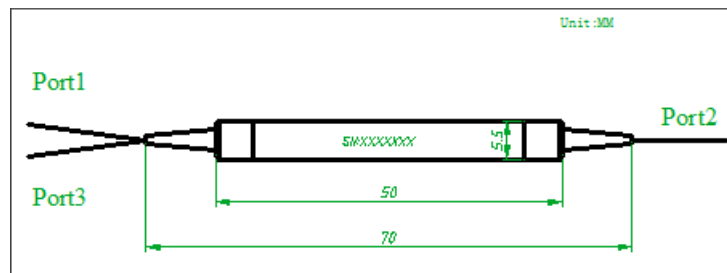
EDFA, DWDM and OTDR
 DWDM and OADM networks
 Bi-directional transmission system

Specifications:

Parameter		Value		
Operating wavelength (nm)		1625,1630(±20)	1650(±15)	S+C+L (1460~1620)
Typ. Peak Isolation		50	50	50
Isolation (λ_c , 23°C all SOP) (dB)		≥40	≥40	≥40
Isolation (Over all λ , T, SOP) (dB)		≥35	≥35	≥30
Insertion Loss (λ_c , 0~70°C all SOP) (dB)	Grade P	≤1.0	≤1.0	≤1.1
	Grade A	≤1.1	≤1.1	≤1.2
PDL (dB)		≤0.20		
Return loss (dB)		≥50		
PMD (ps)		≤0.1		
Directivity		≥50		
Power handling (mW)		≤500		
Fiber Type		SMF-28e		
Operating temperature (°C)		0 ~ +70		
Storage temperature (°C)		-40 ~ +85		
Package Dimensions (mm)	For bare fiber or 900um loose tube	φ 5.5 × L50(P1)		
	For 3mm or 2mm cable	L90*W20*H9.5(P2)		

*Above specifications are for devices without the connectors.

*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower

Packing Dimensions:


Ordering Information:

FCIR	wavelength	Type	Grade	0	Package	Pigtail Type	Length	Connector
FCIR	1625=1625nm 1630=1630nm 1620=1650nm SCL0=1460~1620nm	3=3Port	P=P Grade A= A Grade	0	1=P1(5.5*50mm) 2=P2(90*20*9.5mm) 3=P3(4.7*43 ± 1mm) 4=P4(4.9*43 ± 1mm)	1=250um bare fiber 2=900um loose tube 3=3mm loose tube 4=2mm loose tube S=Specify	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 S=Specify	0=None 1=FC/UPC 2=FC/APC 3=SC/APC 4=SC/UPC 5=MU 6=LC/UPC 7=LC/APC S=Specify