

Polarization Insensitive Optical Circulator

Features

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

Application

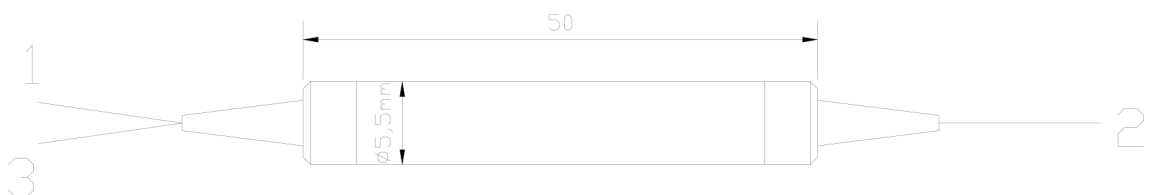
EDFA, DWDM and OTDR
DWDM and OADM networks
Bi-directional transmission system



Specifications

Type		3 Port		4 Port
Parameter				
Operating wavelength (nm)		1310, 1550, 1585 (+/-30nm)	C+L (1520~1620)	1310, 1550, 1585 (+/-30nm)
Isolation (λ_c , 23°C all sop) (dB)		≥40	≥40	≥40
Isolation (Over all λ_c , T, sop) (dB)		≥35	≥30	≥35
Insertion Loss (λ_c , 23°C all sop) (dB)	Grade P	≤0.8	≤1.1	≤0.8
	Grade A	≤1.0	≤1.2	≤1.0
PDL (dB)	Grade P	0.10		0.15
	Grade A	0.15		0.20
Return loss (dB)		≥50		
TDL (dB)		≤0.15		
WDL (dB)		0.2dB(1310, 1550, L band) / 0.4dB (C+L band)		
PMD (ps)		≤0.05		
Directivity		≥50		
Power handling (mW)		≤500		
Fiber Type		SMF-28e		
Operating temperature (°C)		0 ~ +70		
Storage temperature (°C)		-40 ~ +85		
Dimensions (mm)		φ5.5×L50		φ5.5×L64

Package Dimension



Ordering Information

CIR	Type	Grade	Wavelength	Pigtail Type	Length	Fiber Type	Connector
	3=3 Port 4=4 Port	P A	1310 1550 C+L XX: Other	250=250um bare fiber 900=900um loose tube 3000=3mm loose tube	1= 1m	1=SMF-28e	NE=None FC=FC/UPC SC=SC/UPC FA=FC/APC SA=SC/APC ST=ST/UPC LC=LC/UPC xx=Others

