



Polarization independent optical circulator is based on a patented technology. It is a multi-port input and output passive component which can transmit along three irrelative ways of port1 to port2, port2 to port3 and port3 to port4, but the light can not pass on the reversed direction. It is marked with an ultra compact package and excellent quality stability. The product meets the Telcordia GR-1221-CORE.

Features

- Low insertion Loss, Low PDL
- High Isolation
- Low Cross Talk
- Low Polarization Dependent Loss
- Optical Path Epoxy-Free

Applications

- DWDM networks
- Optical fiber amplifiers
- Fiber dispersion compensation and OTDR
- OADM

Specifications

Parameter	Unit	Value	
Type		3 Port	
Port Number		3	4 Port
Wavelength Range	nm	1310, C, L	1310, C, L
Insertion Loss (λ_c , 23°C, all SOP)	dB	0.8 Grade P 0.9 Grade A	
Isolation (λ_c , 23°C, all SOP)	dB	≥50	≥45
Isolation (Over all λ , T, SOP)	dB	≥40	≥35
PDL	dB	0.1 Grade P 0.15 Grade A	0.15 Grade P 0.2 Grade A
Return Loss	dB	≥50	
TDL	dB	0.15	
WDL	dB	0.15	
PMD	ps	≤0.05	
Optical Power Max.	mW	≤500	
Directivity	dB	≥50	
Operation Temperature	°C	0 ~ 70	
Storage Temperature	°C	-40 ~ +85	
Package Dimension	mm	Φ 5.5 × 50	Φ 5.5 × 62

Note: 1. all Insertion Loss excluding connector loss