MAKE YOUR OPTICAL NETWORKS MORE RELIABLE

Optical Circulator



Polarization independent optical circulator is a micro-optic passive Pb-free device based on patented technology. It features excellent optical characteristics with compact package and high stability. We have both 3-ports Circulator and 4-ports Circulator.

The products are Telcordia GR-1221-CORE qualified, and RoHS compliant.

Features

- Low insertion loss
- High Isolation, High return loss
- Low polarization dependent loss

Applications

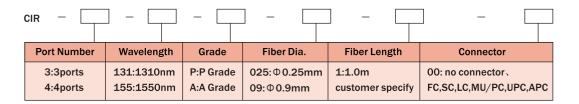
- DWDM and OADM networks
- Bi-directional transmission system
- Optical fiber amplifier ,Fiber dispersion compensation and OTDR

Specifications

Parameter	Unit	Value		
Port Number		3 ports		4 ports
Wavelength		1310,C,L	C+L	С
Insertion Loss(λc,23°C,all SOP)	dB	0.8(Grade P);0.9(Grade A)		
Isolation(λc,23°C,all SOP)	dB	≥40	≥40	≥40
Isolation(Over all λ,T ,SOP)	dB	≥35	≥30	≥35
PDL	dB	0.1(Grade P)0.15(Grade A)		0.15(Grade P),0.20(Grade A)
Return Loss	dB	≥50		
TDL	dB	≤0.2		
WDL	dB	≤0.2(1310nm/C band/Lband); ≤0.4(C+L band)		
PMD	ps	≤0.05		
Input Optical Power	mW	500		
Directivity	dB	≤-50		
Operation Temperature	°C	0~70		
Storage Temperature	°C	-40~+85		
Package	mm	Φ5.5×50		Φ5.5×64

Note :Insertion loss doesn't include connector loss.

Ordering information



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