



1、Description

3 Ports polarization-insensitive optical circulator, compact lightwave component that routes incoming signals from Port 1 to Port 2, incoming Port 2 signals to Port 3 and incoming Port 3 signals to Port 4, while blocking the reflected light. The component provides high isolation, low insertion loss, high extinction ratio, and excellent environment stability.

2、Feature

- Low Insertion Loss
- Wide Band High Isolation
- Low PDL
- Compact In-Line Package
- High Stability and Reliability
- Epoxy Free Optical Path

3、Specification

Parameter		P Grade	A Grade
Configuration		Port 1 to Port2, Port 2 to Port 3	
Operation Wavelength (nm)		1310±30, 1550±30	
Insertion Loss (dB)	Typical	0.7	0.8
	Maximum	1.0	1.1
Channel Peak Isolation (dB)		≥50@1550nm	
Channel Isolation (dB)		≥40	

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Channel Cross Talk (dB)	≥ 50
Polarization Dependent Loss (dB)	≤ 0.15
Polarization Mode Dispersion (ps)	≤ 0.1
Return Loss (dB)	≥ 50
Power Handling (mW)	300
Operating Temperature (°C)	0 ~ +70
Storage Temperature (°C)	-40 ~ +85
Dimensions (mm)	Ø5.5 x L50

4、Application

- Optical Amplifier
- Metro Area Network
- Wavelength Add / Drop
- Dispersion Compensation
- Bi-Direction Communication