



C&L- Band Polarization Insensitive Circulator

AC Photonics' polarization insensitive optical circulator utilizes proprietary designs and metal bonding micro optics packaging. It provides low insertion loss, broad band high isolation, low PDL, excellent temperature stability and epoxy free optical path . It can be used for wavelength add/drop, dispersion compensation and EDFA application. All AC Photonics' products are Telcordia qualification tested.



Features

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

Applications

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

Performance Specifications

Parameter	P Grade	A Grade
Configuration	Port 1 to Port 2 to Port 3	
Operation Wavelength (nm)	1470 ~ 1610	
Insertion Loss	Typical(1525~1615)	0.7
	Maximum(1525~1615)	1.0
Channel Peak Isolation (dB)	≥50 @ 1550nm	
Channel Isolation(dB)	≥40 @ 1520~1580; ≥32 @ 1470~1610	
Channel Cross Talk (dB)	≥50	
PDL (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)	Φ5.5 x L67	

Specifications may change without notice.

Ordering Information

PIOC	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
	Port	Wavelength	Grade	Pigtail Style	Fiber Length	In/Out Connector
	3=3Port	CL=1470nm to1610nm	P=PGrade A=A Grade	1=250um Bare fiber 2 =900um Jacket	1=1 m 2=2m	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC/UPC 7=LC/APC

Dimensions

