



Multimode Optical Circulator

AC Photonics' Multimode 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)		1310 ±30 or 1550 ±30 or 1585±30	
Insertion Loss (dB)	Typical	1.0	1.1
	Maximum	1.3	1.5
Channel Peak Isolation (dB)		≥45	
Channel Isolation (dB)		≥30	
Channel Cross Talk (dB)		≥30	
Return Loss (dB)		≥30	
Power Handling (W)		5	
Operating Temperature (°C)		0 ~+70	
Storage Temperature (°C)		-40 ~+85	
Dimensions (mm)		Φ5.5 x L72	

All parameter are measured under VCSEL light source.



Ordering Information

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	Port	Wavelength	Grade	Pigtail Style	Fiber Length	Fiber Type	In/Out Connector
	3=3 Port	13=1310 15=1550 16=1585	P=Premium A=A Grade	1=250um Bare fiber 2=900umJacket	1=1m 2=2m	1=50/125 Multi-mode 2=62.5/125 Multi-mode	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC

Dimensions

