



Multimode Optical Circulator

ACP's 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 optical path epoxy free. It can be used for wavelength add/drop, dispersion compensation and EDFA application.

FEATURES

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

APPLICATION

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

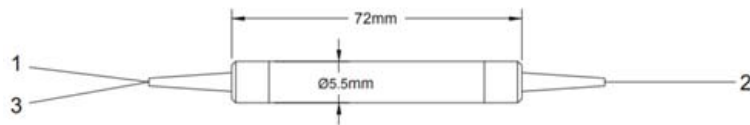
PERFORMANCE SPECIFICATIONS

Parameter	Specifications	
Operating Wavelength	1310±30, 1550±30 or 1585±30nm	
Grade	P	A
Channel Peak Isolation	≥ 40dB	≥ 40dB
Channel Isolation (Min.)	≥ 30dB	≥ 30dB
Insertion Loss (Typ.)	1.0dB	1.1dB
Insertion Loss (Max)	≤ 1.3dB	≤ 1.5dB
Return Loss	≥ 30dB	
Channel Crosstalk	≥ 30dB	
Optical Power	≤ 5W	
Operating Temperature	0 to +70°C	
Storage Temperature	- 40 to +85°C	
Package Dimensions	A=Φ5.5xL72mm	

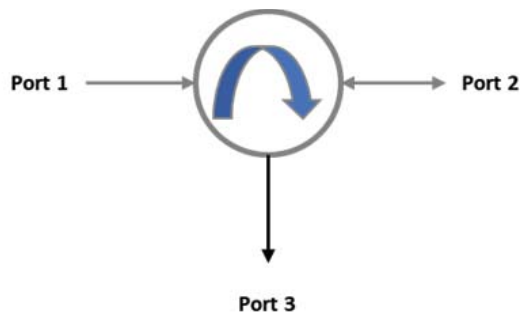
All values referenced are without connector.

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MECHANICAL DIMENSIONS



PORT CONFIGURATIONS



ORDERING INFORMATION

MPIOC	Port	Grade	Operating Wavelength	Package	Fiber Type	Pigtail Style	Fiber Length	In Connector	Out Connector
3=3 Port		P=P Grade	31=1310nm	A=A package	A=50/125	1=Bare fiber	05=0.5m	0=None	0=None
		A=A Grade	55=1550nm		B=62.5/125	2=900um	10=1.0m	1=FC/APC	1=FC/APC
			58=1585nm			loose tube	·	2=FC/PC	2=FC/PC
							·	3=SC/APC	3=SC/APC
					·	4=SC/PC	4=SC/PC		
						20=2.0m	5=ST	5=ST	
							6=LC/UPC	6=LC/UPC	
							7=LC/APC	7=LC/APC	