

# Polarization-Insensitive Optical Circulator



## Product Features

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

## Product Applications

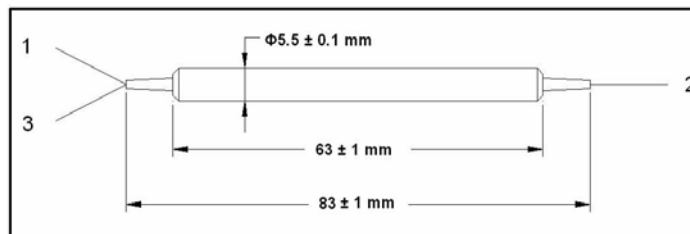
- Optical Amplifier
- Metro Area Network
- Wavelength Add / Drop
- Dispersion Compensation
- Bi-Direction Communication

## Specifications

Configuration			Port 1 to Port 2 to Port 3
Central Wavelength ( $\lambda_c$ )		nm	1310 or 1550
Operating Wavelength Range		nm	$\pm 20$
Insertion Loss	Typ.	dB	0.7
	Max.	dB	0.8
Isolation, 23°C	Min.	dB	45
Crosstalk	Min.	dB	50
Return Loss	Min.	dB	55
Polarization Dependent Loss	Max.	dB	0.1
Polarization Mode Dispersion	Max.	ps	0.1
Optical Power (Continuous Wave)	Max.	mW	300
Tensile Load	Max.	N	5
Operating Temperature		°C	-5 to +70
Storage Temperature		°C	-40 to +85

IL is 0.3 dB higher and RL is 5 dB lower for each connector added.

## Package Dimensions



Smaller package length is also available, please contact sales representative.

## Ordering Information

P	I	O	C	I	R							
						Wavelength	Port	Package	Pigtail	Fiber Type	Fiber Length	Connector
						4=1550nm 7=1310nm	3=3 port	D= Ø5.5 x L63	S=250um bare fiber pigtail M=0.9mm loose tube	S= SMF-28 fiber	0=0.5m 1=0.75m 2=1.0m	0=None 3=FC/APC 5=SC/APC 7=FC/UPC 8=SC/UPC

Note: All specifications are before connectorization and subject to change without notice.