

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

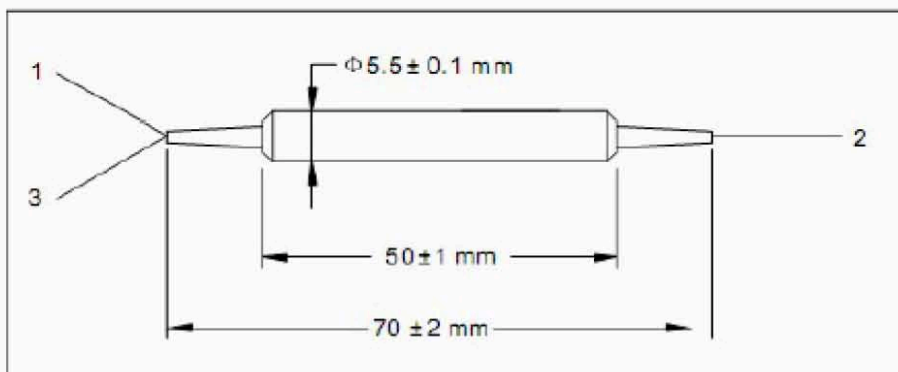
- Optical Amplifier
- Metro Area Network
- Wavelength Add / Drop
- Dispersion Compensation
- Bi-Direction Communication

Specifications

Configuration			Port 1 to Port 2 to Port 3
Central Wavelength (λ_c)		nm	1310 or 1550
Operating Wavelength Range		nm	± 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



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= $\varnothing 5.5 \times L50$	S=250 μ m bare fiber pigtail M=0.9mm loose tube	S=G652 or Equivalent	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 connectors and are subject to change without notice.