

Flyin 850, 980nm Polarization-Insensitive Optical Circulator

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

Features

- Low Insertion Loss
- High isolation
- Low PDL
- High Stability and High Reliability
- Cost effective

Applications

- Optical Fiber Amplifiers
- Pump Laser source
- Fiber Optic sensor
- Test and measurement
- Fiber optic instrument



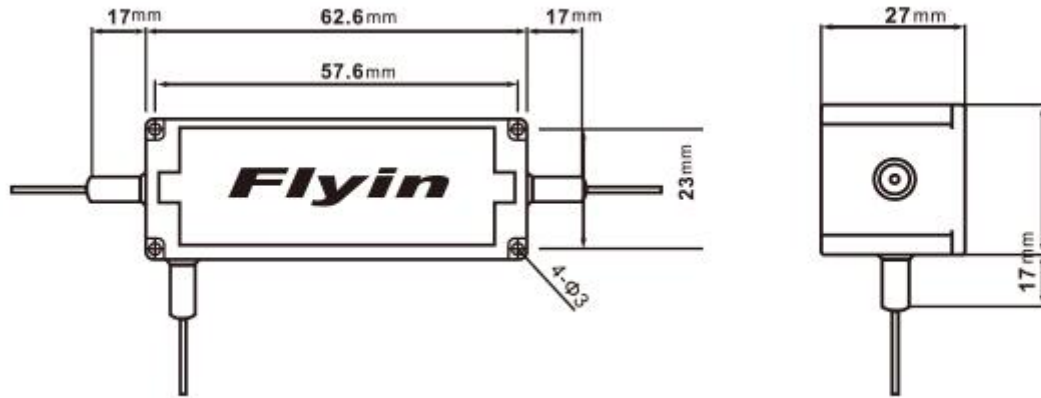
Performance Specifications

Parameter	Specification	
Operating Wavelength (nm)	980±20	850±20
Typical Isolation (dB)	25	
Minimum Isolation (dB)	20	
Typical Insertion Loss (dB)	1.3	
Maximum Insertion Loss (dB)	1.8	
Polarization Dependent Loss (dB)	0.2	
Return Loss (dB)	50	
Cross Talk (dB)	45	
Power Handling (mW)	300~2W	
Operating Temperature (°C)	0 to +50	
Storage Temperature (°C)	-40 to +85	
Package dimension (mm)	L62.6xW28xH27	

Specifications may change without notice.

Above specification are for device without connector.

Dimension



Ordering Information

PIOC	XX	X	X	X	XX
	Wavelength	Pigtail style	Fiber Type	Fiber Length	In/Out Connector
	98=980nm 85=850nm	1=Bare fiber 2=900um loose tube	1=HI 780 Fiber 2=HI 1060 Fiber	1=0.5m 2=1.0m S=Specify	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC S=Specify