

850nm Wideband Polarization Insensitive Optical Circulator



Features

- High Isolation
- Low Insertion loss
- Low PDL
- High Stability and High Reliability
- Cost Effective

Applications

- Fiberoptic Amplifiers
- Pump Laser Source
- Fiberoptic Sensor
- Test and Measurement
- Instrumentation

Performance Specifications

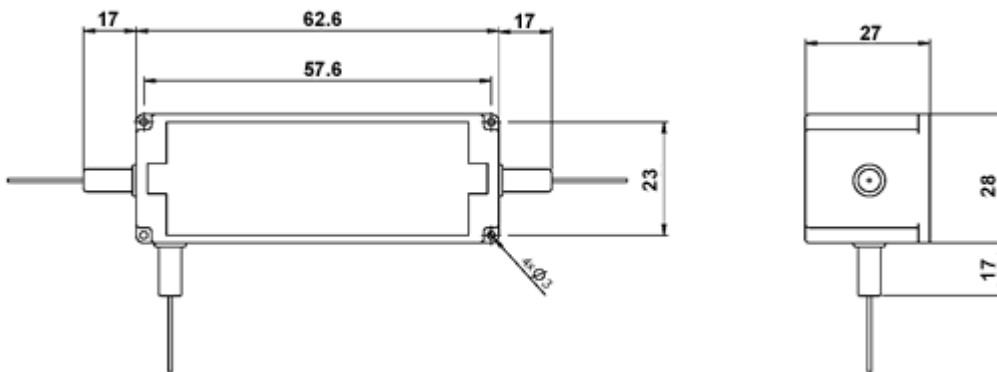
Parameter	Specification
Operating Wavelength (nm)	850±30
Typical Peak Isolation (dB)	25
Minimum Isolation* (dB)	≥20(@±10nm); ≥18(@±20nm); ≥16(@±30nm)
Typical Insertion Loss** (dB)	1.5(@850nm)
Maximum Insertion Loss** (dB)	≤1.8(@±10nm); ≤2.0(@±20nm); ≤2.2(@±30nm)
Return Loss (dB)	50
Cross Talk (dB)	45 (Typ. 50)
PDL (dB)	0.2(Typ. 0.1)
Operating Temperature (° C)	0 to + 60
Storage Temperature (° C)	-40 to +85
Fiber Type	See Order Information
Package Dimension (mm)	L62.6xW28xH27

Power Handling(mW)	600
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* At 23 °C over bandwidth

** Does not include connector, splice and fiber-end fresnel losses

Package Dimensions



Ordering Information

PIOC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Circulator Type	Port	Wavelength	Grade	Pigtail Style	Fiber Length	Fiber Type	In/Out Connector
	3=3 Port	85=850nm	P=P grade	1=Bare Fiber 2=900um Jacket	1=0.25m 2=0.5m 3=1.0m S=Customer Length	1=HI 780	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC X=Special