



# 850nm Wideband Polarization Insensitive Optical Circulator



## Features

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

## Applications

- Optical Fiber Amplifier
- Pump Laser Source
- Fiber Optic 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)	1.3(@850nm)
Maximum Insertion Loss** (dB)	≤1.8(@±10nm); ≤2.0(@±20nm); ≤2.2(@±30nm)
Return Loss (dB)	50
Cross Talk (dB)	Max. 45 (Typ. 50)
PDL (dB)	Max. 0.2 (Typ. 0.1)
Wavelength Dependent Loss(dB)	0.2
Operating Temperature (°C )	0 ~ +65
Storage Temperature (°C )	-40 ~ +85
Fiber Type	See Order Information
Power Handling(mW)	400
Dimensions (LxWxH) (mm)	62.6x28x27

\* At 23°C over bandwidth

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



## Ordering Information

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	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=Custom Length	1=HI 780	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC X=Special

## Dimensions (mm)

