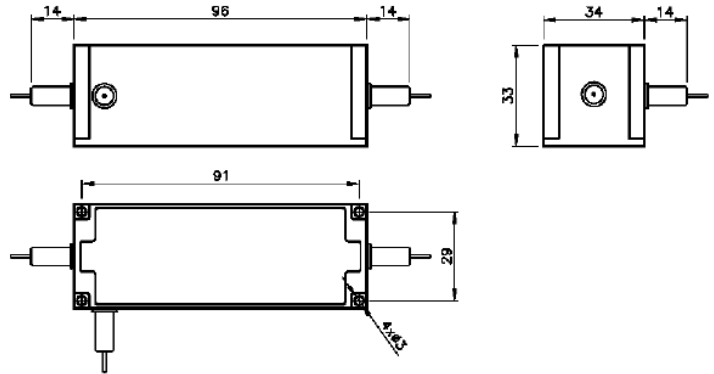




TGG Based 980nm Polarization Independent Optical Circulator

Terbium Gallium Garnet Based 980nm Polarization Insensitive Optical Circulator is a compact, high performance light-wave component that routes incoming signals from Port 1 to Port 2, and incoming Port 2 signals to Port 3. The component provides high isolation, low insertion loss, low PDL, low PMD and excellent environmental stability.



Features

- ◆ Low insertion loss
- ◆ High Isolation
- ◆ Low PDL
- ◆ High stability and reliability
- ◆ Cost Effective

Applications

- ◆ Optical Fiber Amplifiers
- ◆ Pump Laser Source
- ◆ Fiber Optic Sensor
- ◆ Test and Measurement
- ◆ Instrumentation

Performance Specifications

Parameter	Specification
Operation Wavelength (nm)	970~990
Typical Peak Isolation(dB)	25
Minimum Isolation(dB)	20
Typical Insertion Loss (dB)	1.3
Max. Insertion Loss (dB)	1.8
Return Loss (dB)	50
Cross Talk (dB)	Min.45(Typ.50)
Wavelength Dependent Loss (dB)	0.2
PDL(dB)	0.2
Operating Temperature (°C)	0~+65
Storage Temperature (°C)	-40~85
Fiber Type	Hi 980 or 1060 fiber
Power Handling(mw)	500
Dimensions(mm)	L96xW33xH34

**Specifications may change without notice

Order information

POIC-①-②②-③-④④-⑤⑤-⑥⑥

①	②②	③	④④	⑤⑤	⑥⑥
Port	Operating Wavelength	Fiber Type	Fiber Diameter	Fiber Length	Connector
3:3port	98:980nm	1:hi980 2:hi1060	25:250um 90:900um XX: Others	05:0.5m 10:1.0m 15:1.5m XX:Others	00:None FP: FC/PC SP: SC/PC LP: LC/PC XX: Others