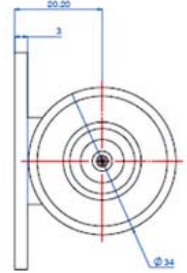
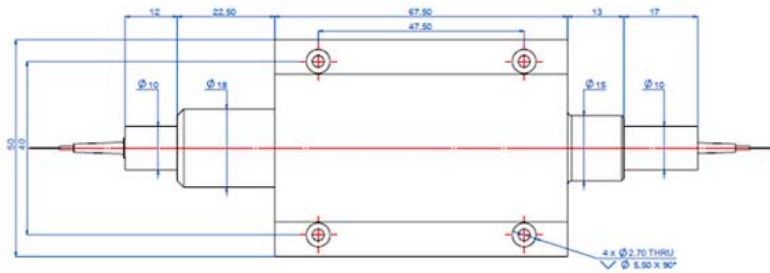




## TGG based 850nm Multimode Polarization Insensitive Optical Isolator

The Terbium Gallium Garnet Based 850nm Multimode Optical Isolator is designed and manufactured according to Telcordia standard. The unique manufacturing process and optical path epoxy-free design enhance the device high power handling. The device is characterized with high performance, high reliability and low cost. It has been widely used in lasers, transmitters and other fiber optics communication equipments to suppress back reflection and back scattering.



### Features

- ◆ High isolation
- ◆ Low insertion loss
- ◆ Cost Effective
- ◆ Excellent environmental stability and reliability

### Applications

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

### Performance Specifications

Parameters	Values
Central Wavelength(nm)	850
Operating Wavelength Range(nm)	±15
Typ. Peak Isolation(dB)	28
Min. Isolation in Band (at 25°C) (dB)	22
Typ. Insertion Loss (dB)	1.5
Max. Insertion Loss (at 25°C) (dB)	1.8
Max. Polarization Dependent Loss(dB)	0.15
Min. Return Loss(dB)	45
Max. Optical Power (Continuous Wave)(mW)	500
Fiber Type	50/125 or 62.5/125 MM fiber
Tensile Load(N)	5
Operation Temperature(°C)	0 ~ +60
Storage Temperature Range(°C)	-20 ~ +75

\*Specifications may change without notice.

\*\*Other specifications can be made on customer request.

### Order information

MPII-①①-②②-③④④-⑤⑤-⑥⑥

①①	②②	③	④④	⑤⑤	⑥⑥
wavelength	Optical Power	Package Dimensions	Fiber Jacket on Input & Output	Connector Type on in & out	Fiber Length
85: 850nm XX:Other	05:500mW XX:Other	C:Circle Type Q:Quadrat Type	09:900um Loose Fiber XXX: Others	00:None XX:Others	10:1m XX:Other