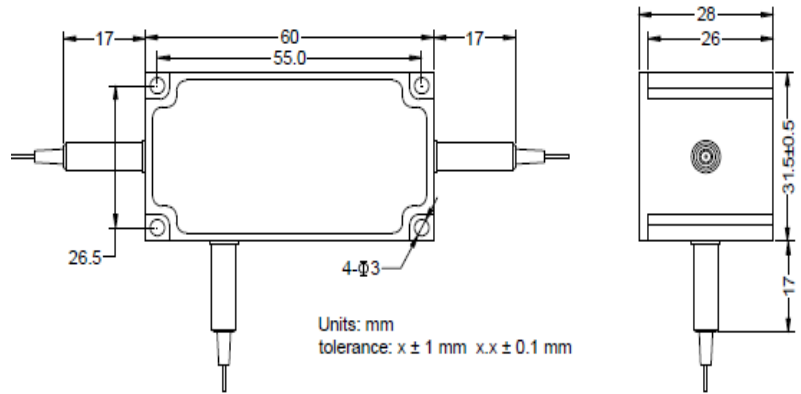




1064nm High Power Polarization Insensitive Circulator

The 1064nm High Power Polarization Insensitive Circulator is characterized with low insertion loss, high isolation, high power handling, high return loss. It is ideal for fiber laser and instrumentation applications.



Features

- ◆ High Isolation
- ◆ Low Insertion loss
- ◆ High Extinction Ratio
- ◆ High Stability and Reliability
- ◆ Cost Effective

Applications

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

Performance Specifications

| Parameter | Specification |
|--|---------------|
| Operation Wavelength (nm) | 1064 |
| Typ. Peak Isolation (dB) | 25 |
| Min. Isolation, λ_c , 23 °C (dB) | 22 |
| Typ. Insertion Loss, 23 °C (dB) | 1.3 |
| Max. Insertion Loss, 23 (dB) | 1.5 |
| Max. Polarization Dependent Loss | 0.2 |
| Cross Talk (dB) | 45 (Typ. 50) |
| Return Loss (dB) | > 45 |
| Power Handling (W) | 10 |
| Max. Peak Power for ns Pulse(KW) | 10 |
| Max. Tensile Load(N) | 5 |
| Operating Temperature (°C) | 0 ~ +60 |
| Storage Temperature (°C) | -40 ~ +85 |
| Fiber Type | HI 1060 fiber |

*Specifications may change without notice.

**Other specifications can be made on customer request.

Order information

HPCIRI-①①-②②-③④④-⑤⑤-⑥⑦

| ①① | ②② | ③ | ④④ | ⑤⑤ | ⑥ |
|------------|-------------------------------|----------------|---------------------------------|-----------------------|---|
| Wavelength | Handling Power | Connector Type | Fiber Diameter | Fiber Length | Power Type |
| 06:1064nm | 03:3W 10:10W XX:Specify | N: None | B:250um L:900um X:Specify | 10:1.0m XX:Specify | P:PulseApplication C:Continuous Wave |