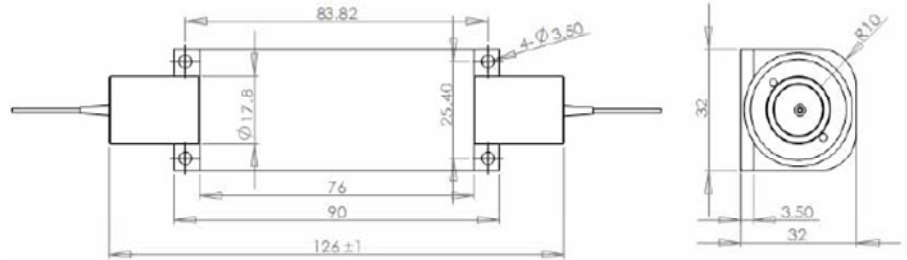




1064nm High Power Polarization Independent Isolator– 10W

The High Power Isolator series products include high power isolator and high power collimator. The high power isolator series includes in-line type, beam expanded isolator, fiber in and free space out isolator and free space isolator etc. 1064nm High Power Polarization Independent Isolator is one of the in-line type. they're characterized with low insertion loss, high isolation, high power handling, high return loss, excellent environmental stability and reliability. They are ideal for fiber laser and instrumentation applications.



Features

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

Applications

- ◆ Fiber Laser

Performance Specifications

| Parameters | Values |
|---------------------------------------|---------------------------------------|
| Central Wavelength(nm) | 1053/1064 |
| Operating Wavelength Range(nm) | ±10 |
| Typ. Peak Isolation(dB) | 35 |
| Min. Isolation in Band (at 25°C) (dB) | 30 |
| Typ. Insertion Loss (dB) | 0.80 |
| Max. Insertion Loss (at 25°C) (dB) | 1.00 |
| Max. Polarization Dependent Loss (dB) | 0.15 |
| Min. Return Loss(dB) | 50 |
| Max. Optical Power (CW)(W) | 1, 3, 5, 10 |
| Max. Peak Power(kW) | 3, 5, 10 |
| Fiber Type | Hi1060 fiber ,10/125 fiber or Specify |
| Tensile Load(N) | 5 |
| Operation Temperature(°C) | 0 ~ +50 |
| Storage Temperature Range(°C) | -20 ~ +75 |

* Above specification are for device without connector, and may change without notice.

Order information

HPPII-①①-②②-③③-④④-⑤⑤-⑥⑥

| ①① | ②② | ③③ | ④④ | ⑤⑤ | ⑥⑥ |
|------------------------------------|--------------------------------------|---------------------------------|---|---------------------------|-------------------|
| wavelength | Optical Power | Package Dimensions | Fiber Jacket on Input & Output | Connector Type on in &out | Fiber Length |
| 53:1053nm 64:1064nm XX:Other | 03:3W 05:5W 10:10W XX:Other | C:Circle Type Q:Quadrat Type | 25:250um bare fiber 09:900um Loose Fiber XX: Others | 00:None XX:Others | 10:1m XX:Other |