

High Power Free Space Isolator-780~1064nm

Features

- Low Insertion Loss
- High Power Handling
- High Stability and Reliability

Applications

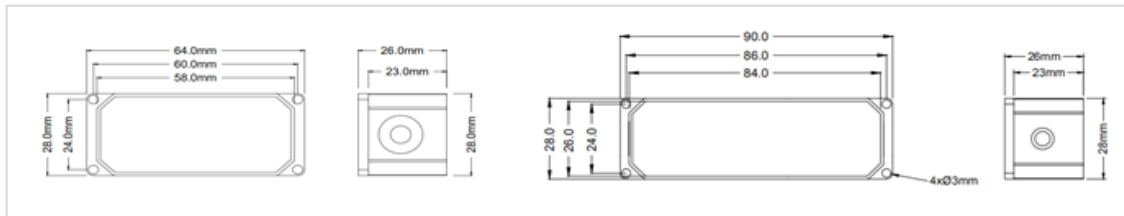
- Fiber Laser
- Fiber Amplifier
- Testing Equipment

Specifications

| Parameters | Unit | Values | |
|----------------------------|------|-------------------------------------|----------|
| Center Wavelength | nm | 780, 808, 850, 915, 980, 1030, 1064 | |
| Wavelength Range | nm | ±5 | |
| Typ. Insertion Loss | dB | 0.15 | |
| Insertion Loss at 23°C, λc | dB | ≤0.3 | |
| Transmission | -- | ≥95% | |
| Typ. Peak Isolation | dB | 30 | |
| Isolation, at 23°C | dB | ≥25 | |
| Return Loss | dB | ≤50 | |
| Clear Aperture | mm | ≤2 | ≤5 |
| Dimension | mm | 64x28x26 | 90x28x26 |
| Optical Power (CW) | W | 1, 3, 10, 20, 30, 50 or Specify | |
| Input Polarizatoin Angle | Deg | Specify | |
| Output Polarizatoin Angle | Deg | Specify | |
| Operating Temperature | °C | +10 ~ +50 | |
| Storage Temperature | °C | 0 ~ +60 | |

*For pulse applications, pls discuss with OPNETI.

Package Dimensions



Clear Aperture ≤2mm

Clear Aperture ≤5mm

Ordering Information

HPFSI- ①①①-②②-③-④-⑤-⑥⑥-⑦⑦⑦⑦⑦⑦⑦⑦

| | | |
|---|---------------------------|---|
| ① | Wavelength | 780; 808; 850; 915; 980; 1030; 1064; |
| ② | Polarization Type | PS=Polarization Sensitive; PI=Polarization Insensitive; |
| ③ | Clear Aperture | 2=Dia. 2.0mm ; 5=Dia. 5.0mm; X=Specify; |
| ④ | Input Polarizatoin Angle | H=Horizontal; X=Specify; |
| ⑤ | Output Polarizatoin Angle | H=Horizontal; X=Specify; |
| ⑥ | Power Handling (CW) | 1W; 3W; 10W; 20W; 30W; 50W or Specify; |
| ⑦ | Dimension | 64x28x26; 90x28x26; |