

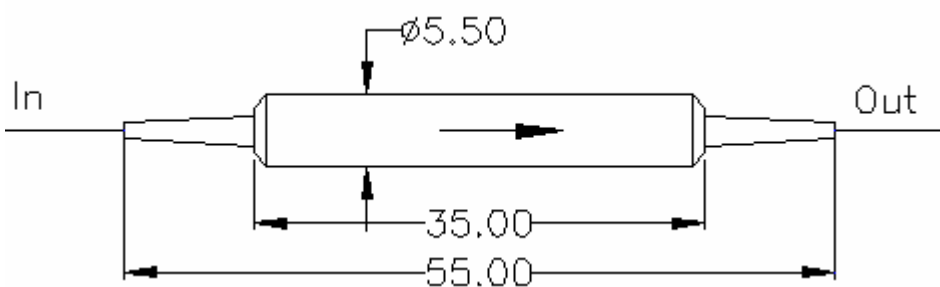
High Power 1064nm Isolator (500mW)

| | |
|--|--|
| Features | |
| High Power High Isolation High Reliability | |
| Application | |
| Fiber Laser | |

Specifications

| Parameters | Unit | Non-PM fiber Isolator | | PM fiber Isolator | |
|-----------------------------------|------|-----------------------|------------|--------------------|------------|
| | | Single Stage | Dual Stage | Single Stage | Dual Stage |
| Stage | | Single Stage | Dual Stage | Single Stage | Dual Stage |
| Center Wavelength (λ_c) | nm | 1064 | | | |
| Typ. Isolation | dB | 38 | 52 | 38 | 52 |
| Isolation at 23°C | dB | ≥30 | ≥42 | ≥30 | ≥42 |
| Typ. Insertion Loss | dB | 2.0 | 3.0 | 2.0 | 3.0 |
| Insertion Loss at 23°C | dB | ≤2.5 | ≤3.8 | ≤2.5 | ≤3.8 |
| Return Loss | dB | ≥55 / 50 | ≥55 / 50 | ≥55 / 50 | ≥55 / 50 |
| PDL | dB | ≤0.15 | ≤0.1 | -- | -- |
| Extinction Ratio (B Type) | dB | -- | -- | ≥18 | ≥18 |
| Extinction Ratio (F Type) | dB | -- | -- | ≥20 | ≥20 |
| Optical Power (CW) | mW | ≤500 | | | |
| Fiber Type | | HI1060 | | PM 980 Panda Fiber | |
| Operating Temperature | °C | -5 to +50 | | | |
| Storage Temperature | °C | -40 to +85 | | | |
| Package Dimension | mm | 5.5x35 | | | |

Package Dimensions



Ordering Information

| HPIS HPMIS | Wavelength | Stage | Working axis | Pigtail | Fiber | length | Package | Power |
|---------------|------------|--------------------------------|--|--|---------------------|-----------------------|---------|-------|
| | 1064 | S=Single stage D=Dual stage | F=Fast axis Blocked B=Both axis working | 250=250um bare fiber 900=900um loose tube | 1=HI1060 5=PM980 | 0.8=0.8m S=Specify | 5.5x35 | 500mW |