

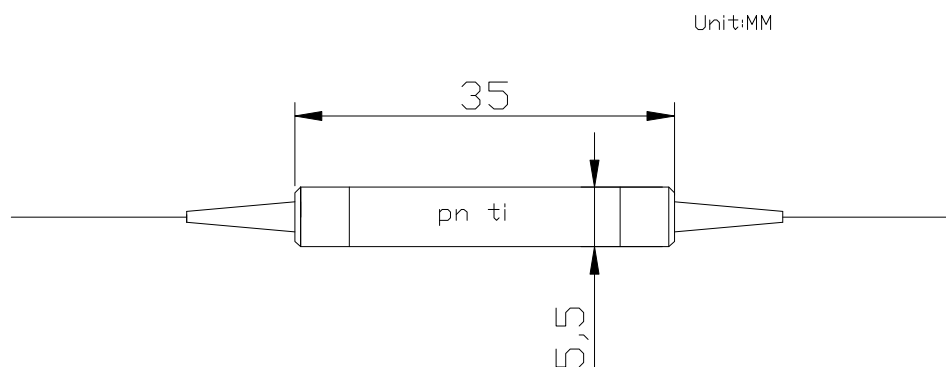
High Power Isolator(1310,1550nm, 1-20W)

| | |
|---|--|
| Features | |
| Low Insertion Loss & PDL High Isolation & Return Loss & Extinction Ratio High reliability | |
| Application | |
| EDFA Fiber Optical Instrument Fiber Laser | |

Specifications

| Parameter | | Non-PM Isolator (HPIS) | | PM isolator (HPMIS) | |
|---------------------------------|----------------------------------|------------------------|--------------------|---------------------|--------------------|
| Type | | Single stage | Dual Stage | Single stage | Dual Stage |
| Center wavelength (nm) | | 1310, 1550 | | | |
| Bandwidth (nm) | | ±20 | | | |
| Peak isolation (dB) | | 42 | 58 | 42 | 58 |
| Isolation at 23°C (dB) | | ≥28 | ≥48 | ≥28 | ≥48 |
| Insertion Loss at 23°C (dB) | | ≤0.5(Typ 0.35) | ≤0.55 (Typ 0.4) | ≤0.5(Typ 0.35) | ≤0.55 (Typ 0.4) |
| Extinction Ratio (dB) | Type 1 (Fast axis blocked) | -- | -- | ≥22 | ≥22 |
| | Type 2 (Both of axis working) | -- | -- | ≥20 | ≥20 |
| PDL (dB) | | ≤0.10 | ≤0.15 | -- | -- |
| Return loss (Input/output) (dB) | | ≥50 | ≥50/50 | ≥50/50 | ≥50/50 |
| Fiber Type | | SMF-28e | | PM 1310, PM1550 | |
| Power handling (CW, mW) | | ≤ 500 | | | |
| Package Dimensions (mm) | | 1,2, 3, 5,10,20 | | | |
| Operating temperature (°C) | | -5 ~ +50 | | | |
| Storage temperature (°C) | | -20 ~ +75 | | | |

Package Dimensions



Ordering Information

| HPIS HPMIS | Type | Wavel ength | Working axis | Pigtail Type | Fiber Type | Length | Power |
|---------------|---|----------------|--|--|--------------------------------|--------------|--------------|
| | S= Single stage D = Dual Stage | 1310 1550 | 1=Fast axis blocked 2= Both of axis working | 250=250um bare fiber 900=900um loose tube 3000=3mm loose tube | 1=SMF-28e 5= Panda fiber | 0.8= 0.8m | 1=1W 2=2W |