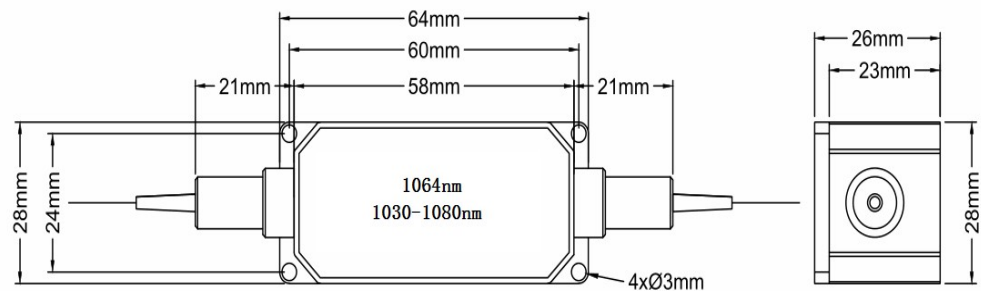


High Power Polarization Maintaining Isolator (1030&1053 nm, 1~20W)

1. Features:

- High Power Handling
- High Isolation
- Low Insertion Loss
- Excellent environmental stability and reliability



2. Applications:

- Fiber Laser
- Fiber Sensor
- Fiber Amplifiers
- Optical Transmitters & Transceivers

深圳市深建通信科技有限公司

4. Specifications:

| Parameter \ Type | Specification (Grade P) | |
|--|---------------------------|-------------------------------|
| Operating wavelength | nm | 1030,1040,1053,1064,1083 ± 10 |
| Typ. Insertion Loss& 23℃ | dB | 0.8 |
| Insertion loss & 23℃ | dB | ≤1.2 |
| Typ. Peak isolation | dB | 30~40 |
| Isolation & 23℃ | dB | ≥25 |
| Extinction ratio Type B (dB) | dB | ≥20 |
| Extinction ratio Type F (dB) | dB | ≥22 |
| Return loss (input/output) | dB | ≥50/50 |
| Fiber Type | / | SM98-PS-U25A |
| Max. Input power @CW | w | 1, 3, 5,10 or Specify |
| Operating temperature | ℃ | -5 ~ + 50 |
| Storage temperature | ℃ | -20 ~ + 75 |
| Dimensions | mm | 58*28*26 |
| “B” for Both axis working, “F” for Fast axis blocking. | | |

*The specifications are w/o connector.

* For devices with connectors, 0.3dB higher for IL, 5dB lower for RL and 2dB lower for ER.

* For device with connector, key aligned to slow axis.

5. Product Ordering information:

| HPIISO | X | X | XX | X | X | XX | XX | XX |
|---------------------|-------|-----------|----------------------|--------------|------------|-------------------------------|--------------|--------------|
| Product Description | Power | Axis type | Operating Wavelength | Pigtail Type | Fiber Type | Input & Output Connector Type | Package Size | Fiber Length |
| HPPMISO | 1=1W | F | 06=1064nm | 0=250um | 0=SMF-28e | 0=None | 58*28*26 | 05=0.5m |
| | 3=3W | B | 13=1310nm | 1=900um | 1=HI1060 | 1=FC/UFC | | 08=0.8m |
| | 5=5W | | 15=1550nm | | 2=PM98 | 2=FC/APC | | 10=1.0m |
| | | | | | 4=others | 3=SC/UPC | | 12=1.2m |
| | | | | | | 4=SC/APC | | |

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