

## High Power PM Isolator(980nm)

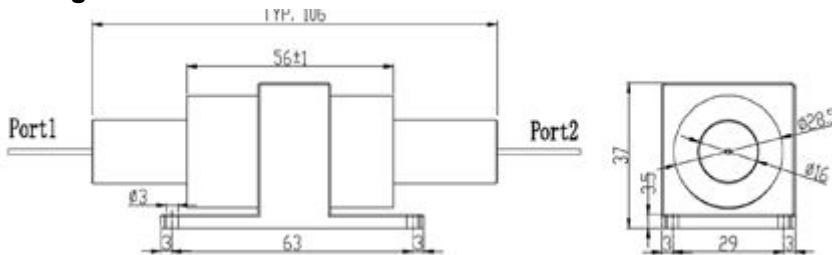
| Features                            |  |
|-------------------------------------|--|
| High isolation and Extinction Ratio |  |
| Low Insertion loss                  |  |
| High stability and reliability      |  |
| Application                         |  |
| Fiber Amplifier                     |  |
| Fiber sensor                        |  |
| Fiber Laser                         |  |

### Specifications

| Parameter                          | Value        |
|------------------------------------|--------------|
| Center wavelength $\lambda_c$ (nm) | 980          |
| Bandwidth(nm)                      | $\pm 10$     |
| Peak isolation (dB)                | 32           |
| Isolation at $\lambda_c$ 23°C(dB)  | $\geq 25$    |
| Typ.Insertion Loss at 23°C(dB)     | 1.0          |
| Insertion Loss at 23°C(dB)         | $\leq 1.2$   |
| Extinction Ratio (dB)              | $\geq 20$    |
| Return loss (Input/output) (dB)    | $\geq 50/50$ |
| Power handling (W)                 | 1,2,3,5      |
| Fiber Type                         | Panda fiber  |
| Operating temperature (°C)         | -5~+50       |
| Storage temperature (°C)           | -20 ~ +75    |
| Package(mm)                        | 106x37x35    |

\* Above specifications are for devices without the connectors.

### Package Dimensions



### Ordering Information

| HPP MIS | Wavelength | Axis Alignment                                | Pigtail Type                                                           | Fiber Type    | Length           | Connector                                                                                         | Power                |
|---------|------------|-----------------------------------------------|------------------------------------------------------------------------|---------------|------------------|---------------------------------------------------------------------------------------------------|----------------------|
|         | 980        | F=Fast Axis blocked<br>B=Both of axis working | 250=250um bare fiber<br>900=900um loose tube<br>3000=3000mm loose tube | 5=Panda fiber | 0.8=0.8<br>1= 1m | NE=None<br>FA=FC/APC<br>FC=FC/UPC<br>SA=SC/APC<br>SC=SC/UPC<br>LC=LC/UPC<br>LA=LC/APC<br>XX=Other | 1=1W<br>2=2W<br>5=5W |