

## High Power In Line PM Fiber Optical Isolator

### Features:

Low Insertion Loss High Isolation & Return Loss  
High reliability

### Application:

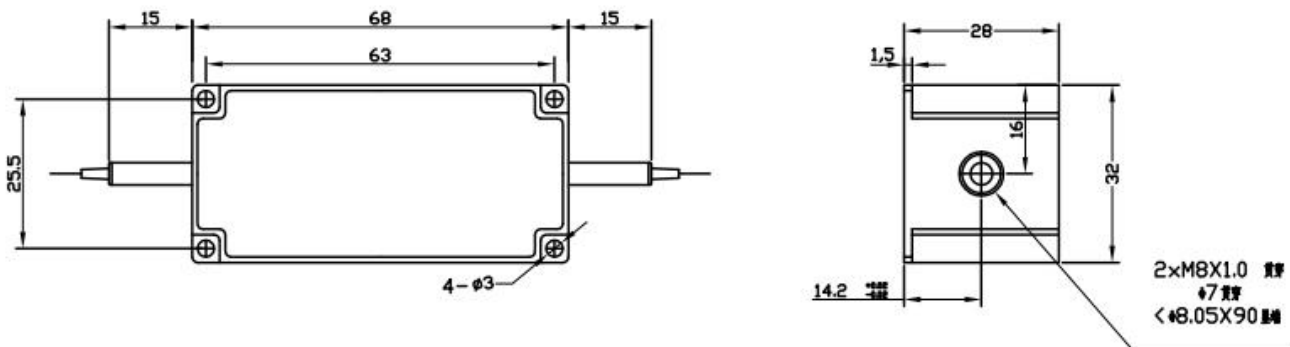
Fiber Laser & Amplifier

### Specification

| Parameter                  | Unit | Value                      |
|----------------------------|------|----------------------------|
| Center Wavelength          | nm   | 976, 1030、 1060 or specify |
| Operating Wavelength Range | nm   | ±10                        |
| Insertion Loss @23℃        | dB   | ≤1.0                       |
| Isolation @23℃             | dB   | ≥25                        |
| ER                         | Db   | >20dB                      |
| Fiber Type                 | -    | PM980                      |
| Return loss                | dB   | ≥50                        |
| Average Power handling     | W    | 0.3-50W                    |
| Peak Power                 | Kw   | 10                         |
| Operating temperature      | ℃    | 0~+50                      |
| Storage temperature        | ℃    | -20~+85                    |
| Package Dimensions         | mm   | 68x32x28                   |

For device with connector, the IL will be 0.3dB higher will be 2dB lower and RL will be 5dB lower, the max handling power will be only 1W guaranteed

### Package dimension:



### Ordering Information:

| HPMIS                          | Wavelength             | Power              | Fiber Type        | Pigtail Type          | Length    | Connector |
|--------------------------------|------------------------|--------------------|-------------------|-----------------------|-----------|-----------|
| HPMIS<br>=PM fiber<br>isolator | 1030=1030<br>1060=1060 | 03=300mW           | 1=PM980           | 2=900um<br>loose tube | H=0.5m    | 0=None    |
|                                |                        | 01=1W              | 2=PLMA-GDF-10/125 |                       | 7=0.7m    | 1=FC/UPC  |
|                                | 05=5W                  | DCF                | 1=1.0m            |                       | 2=FC/APC  |           |
|                                | 10=10W                 | 3= PLMA-GDF-15/130 | S=Specify         |                       | 3=SC/APC  |           |
|                                | 20=20W                 | DCF                |                   |                       | 4=SC/UPC  |           |
|                                | 30=30W                 | 4= PLMA-GDF-25/250 |                   |                       | 6=LC/UPC  |           |
|                                | 50=50W                 | S=Specify          |                   |                       | 7=LC/APC  |           |
|                                | S=specify              |                    |                   |                       | S=Specify |           |