

## Polarization Maintaining Isolator (PMISO)

### Features

Low insertion loss  
High extinction ratio  
High stability & Reliability

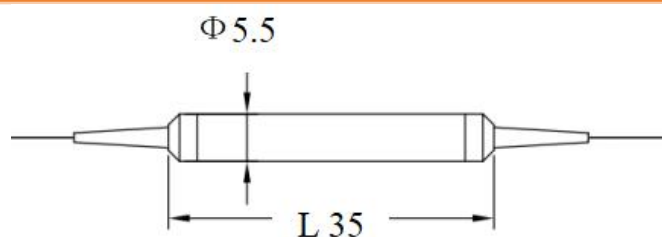
### Applications

Fiber Amplifier  
Fiber sensor  
Fiber Laser Marking  
Laboratory R&D

| Parameter                  | PM Isolator                |            | Unit |
|----------------------------|----------------------------|------------|------|
|                            | Single stage               | Dual stage |      |
| Center wavelength          | 1064                       |            | nm   |
| Operating bandwidth        | ±5                         |            | nm   |
| Insertion loss @23°C       | ≤2.0                       | ≤3.0       | dB   |
| Extinction ratio           | ≥20(Type B)<br>≥23(Type F) |            | dB   |
| Isolation @23°C            | ≥30                        | ≥45        | dB   |
| Return loss (Input/Output) | ≥55/50                     |            | dB   |
| Handling power             | ≤300                       |            | mW   |
| Fiber type                 | PM Panda Fiber             |            | /    |
| Operating temperature      | -5~+50                     |            | °C   |
| Storage temperature        | -40~+85                    |            | °C   |
| Dimensions                 | Φ5.5×L35                   |            | mm   |

\* Type B: Both axis working, Type F: Fast axis blocked.

### Mechanical Dimension



Normal Size

### Ordering Information

| specification          | GCPMISO                                   |
|------------------------|-------------------------------------------|
| Package Size           | 5.5×35 etc                                |
| Input/Output Connector | FC/UPC, FC/APC etc                        |
| Fiber Code             | Specify                                   |
| Pigtail Type           | 0=250μm, 1=900μm, 4=others                |
| Operating Wavelength   | 1064 nm etc                               |
| Working axis type      | B= Both axis working, F=Fast axis blocked |
| Stage                  | S= Single stage, D= Dual stage            |