

1060nm PM Fiber Mirror Reflector

1060nm PM Fiber Mirror Reflector is a fiber component which can reflect the input polarization light with polarization state maintaining by the built inside planar mirror, the reflection light can be up to 90%. It's widely used in Fiber Laser, Fiber Amplifier System and Fiber Optic Sensor.

Application:

Fiber Optic Amplifier
Fiber Optic Sensor
Fiber Laser
Lab And Research

Features:

High Extinction Ratio
High Power Available
Low Insertion Loss
High Reliability



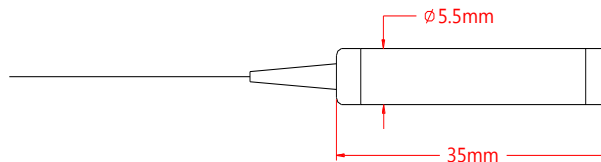
Specification:

| Parameter | Symbol | Value | Unit |
|-------------------------|-----------|-----------------------|------|
| Center Wavelength | λ | 1060 | nm |
| Bandwidth | BW | ± 30 | nm |
| Typ. Insertion Loss | IL | 0.5 | dB |
| Max. Insertion Loss | IL | 0.7 | dB |
| Min. Extinction Ratio | ER | 20 | dB |
| Max. Optical Power (CW) | P | 300 | mW |
| Max. Tensile Load | | 5 | N |
| Fiber Type | | PM Panda fiber | - |
| Operating Temperature | T | -5~70 | °C |
| Storage Temperature | T | -40~85 | °C |
| Package Dimension | | $\Phi 5.5 \times L35$ | mm |

Notice: Above specifications are tested at center wavelength without connector in room temperature @23°C.

For devices with connectors, IL will be 0.3dB higher, ER will be 2dB lower, slow axis is default aligned to the connector key.

Drawing:



Ordering Information (Part Number):

| PMFMR- WWW - J - LL - CC | | | |
|--|----------------------|--------------|--------------|
| WWW | J | LL | CC |
| Wavelength | Fiber Jacket | Fiber Length | Connector |
| 1030 - 1030nm | B - 250um Bare Fiber | 05 - 0.5m | NE - None |
| 1040 - 1040nm | 9 - 900um Loose Tube | 10 - 1.0m | FA - FC/APC |
| 1050 - 1050nm | 2 - 2.0mm Loose Tube | 15 - 1.5m | FU - FC/UPC |
| 1053 - 1053nm | 3 - 3.0mm Loose Tube | 20 - 2.0m | SA - SC/APC |
| 1060 - 1060nm | | SS - Specify | SU - SU/APC |
| 1064 - 1064nm | | | LA - LC/APC |
| 1080 - 1080nm | | | LU - LC/UPC |
| | | | SS - Specify |