

Faraday Mirror (FM)

Features:

Low Insertion Loss
Compact Size
Environmental Stability

Application:

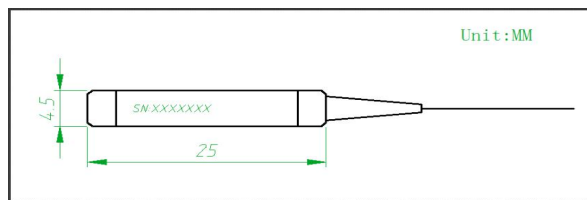
DWDM System
Fiber Instruments
Fiber Sensor

Specifications:

| Parameter | Values | |
|---|---|------------------|
| Operating wavelength (nm) | 1310 or 1550 | 1064 |
| Operating bandwidth (nm) | ±15 | ±5 |
| Insertion loss (dB) | ≤0.6(for 45deg.) | ≤3.5(for 45deg.) |
| Faraday Rotation Angle(single pass) (Deg) | 45 | 45 |
| Maximum Rotation angle tolerance over wavelength range at 23℃ (Deg) | ±1(for 45deg.) | ±3(for 45deg.) |
| PDL (dB) | ≤0.05 | ≤0.10 |
| PMD (ps) | ≤0.05 | |
| Power handling (mW) | ≤500 | ≤150 |
| Fiber Type | SMF-28e G657A1 Or RC SM1550 | HI1060 |
| Operating temperature(℃) | -5 ~ +70 | -5 ~ +50 |
| Storage temperature(℃) | -40~ +85 | |
| Package dimensions(mm) | Φ4.5×L25(P1); Φ3.2×L12(P3) ; Φ5.5×L35(P1) | |

*Above specifications are for devices without the connectors.

*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower

Packing Dimensions:

Ordering Information:

| FM | Wavelength | 0000 | Rotator angle | Package | Pigtail Type | Length | Connector |
|----|---|------|---------------|--|---|---|---|
| | 1310=1310nm 1550=1550nm 1064=1064nm | 0000 | 1=45Deg | 1= 4.5*25mm 2=5.5x35mm 3= 3.2*12mm | 1=250um bare fiber 2=900um loose tube S=Specify | H=0.5m 8=0.8m 1=1.0m S=Specify | 0=None 1=FC/UPC 2=FC/APC S=Specify |