

Filter Wavelength Division Multiplexer



Features

Wide Pass Band
 Low Insertion Loss
 High Return Loss
 Excellent Environmental Stability

Applications

Fiber Lasers
 Fiber Amplifiers
 Fiber Sensors
 Research

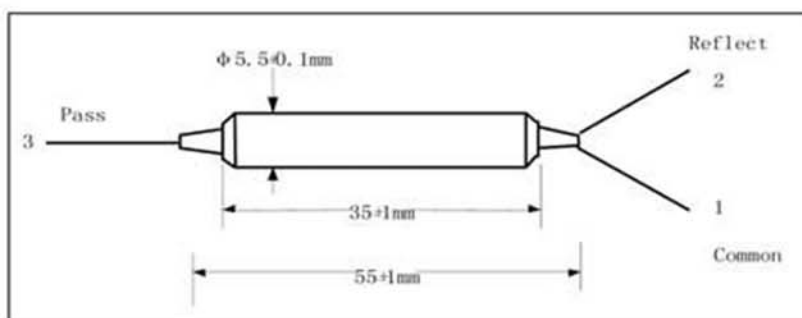
Specifications

| Parameters | Unit | Values | |
|-------------------------|---------------------|---------------|-----------|
| Pass Band | Wavelength Range | nm | 960-990 |
| | Max. Insertion Loss | dB | 0.7 |
| | Typ. Insertion Loss | dB | 0.5 |
| | Typ. Isolation | dB | 30 |
| | Min. Isolation | dB | 25 |
| Reflection Band | Wavelength Range | nm | 1010-1050 |
| | Max. Insertion Loss | dB | 0.5 |
| | Typ. Insertion Loss | dB | 0.3 |
| | Typ. Isolation | dB | 15 |
| | Min. Isolation | dB | 13 |
| Optical Return Loss | dB | 50 | |
| Max. PDL | dB | 0.1 | |
| Typ. PDL | dB | 0.05 | |
| Thermal Stability | dB/°C | ≤0.005 | |
| Max. Optical Power (CW) | W | 1 | |
| Max. Tensile Load | N | 5 | |
| Fiber Type | | HI 1060 fiber | |
| Operating Temperature | °C | -5 to +70 | |
| Storage Temperature | °C | -40 to +85 | |

*Above specifications are for device without connector.

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

Package Dimensions



Ordering Information

FWDM-①①①①-②②②-③③③-④

①: Wavelength

9803 - 980nm Pass / 1030nm Reflect

②②②: Connector Type on Port 1, 2 & 3

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

N - None

S - Specify

③③③: Fiber Jacket on Port 1, 2 & 3

B - 250um Bare Fiber

L - 900um Loose Tube

S - Specify

④: Fiber Length

1 - 1.0m

S - Specify