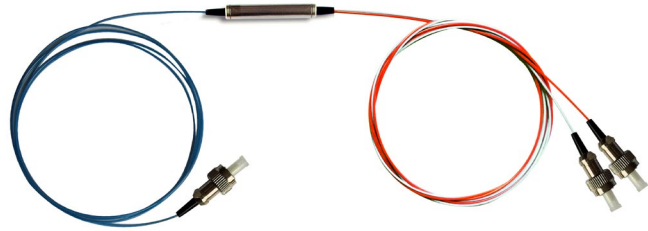


Features

- Wide Operating Wavelength Range
- Low Insertion Loss
- Ultra Flat Wide Passband
- High Channel Isolation
- High Stability and reliability
- Epoxy-free on Optical Path



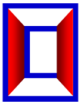
Applications

- WDM System
- System Monitoring
- CATV System
- Fiber Optical amplifier
- Fiberoptic Instruments
- Transmitters and Fiber lasers

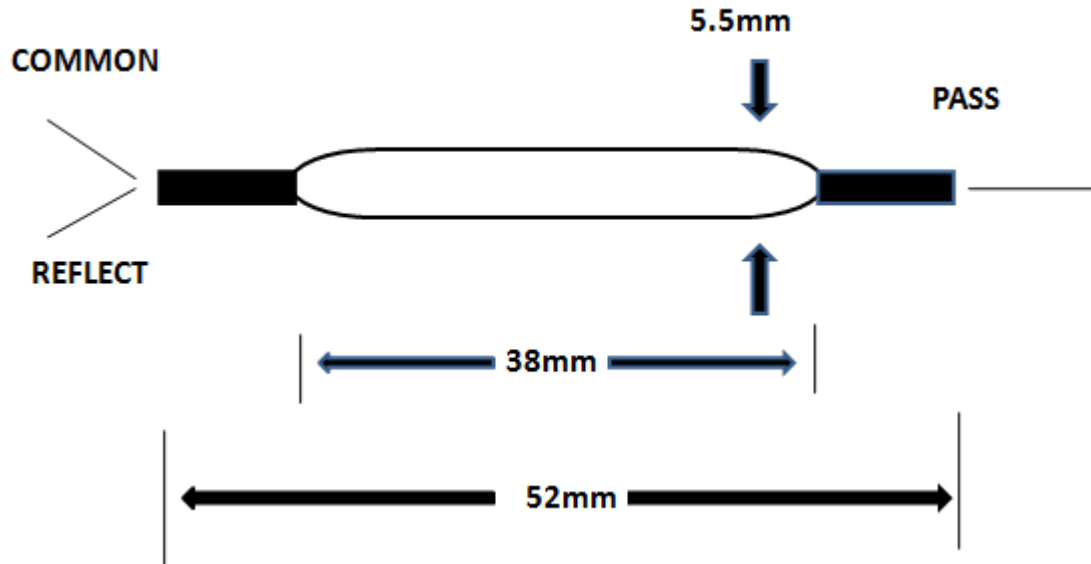
Specifications

| Parameter | | FWDM 5/4 | FWDM 61/5 | FWDM 5/9 |
|--|-----------------|------------------------------------|---|-----------|
| Pass Band Wavelength Range (nm) | | 1530~1565 | 1600~1670 | 1525~1600 |
| Reflect Band Wavelength Range (nm) | | 1450~1490 | 1260~1580 | 965~1000 |
| Insertion Loss (dB) | Reflect Channel | ≤0.5 | ≤0.6 | ≤0.7 |
| | Pass Channel | ≤0.6 | ≤0.8 | ≤0.9 |
| Insertion Loss Variation (dB) | | <0.3 | | |
| Isolation(dB) | Reflect Channel | >15 | | |
| | Pass Channel | >25 | >35 | >30 |
| Insertion Loss Temperature Sensitivity (dB/°C) | | <0.005 | | |
| Polarization Dependent Loss (dB) | | <0.1 | | |
| Polarization Mode Dispersion (ps) | | <0.1 | | |
| Directivity (dB) (Input to add, Output to drop, add to drop (dB) | | >50 | | |
| Return loss (dB) | | >50 | | |
| Maximum Power Handling (mW) | | 500 | | |
| Operating Temperature (°C) | | -20~+70 | | |
| Storage Temperature (°C) | | -40~+85 | | |
| Fiber Type | | Corning SMF-28e fiber | Corning HI 1060 fiber at Common & Reflection port, SMF-28e fiber at | |
| Package Dimension (mm) | | Φ5.5x34 (L38 for 900um Loose tube) | | |

*1、Above specifications are for devices without connector.2、Specifications may change without notice.



Dimension (Unit:mm)



Ordering Information HC - FWDM - A - B - C - D

| A | B | C | D |
|------------------------------|--------------------|--------------|-----------|
| Wavelength | Fiber Type | Fiber Length | Connector |
| 15/14=1550 pass/1480 reflect | 1=250 Bare fiber | 1=1m | 0=None |
| 15/9=1550 pass/980 reflect | 2=900um loose tube | 2=2m | 1=FC/APC |
| | | | 2=FC/PC |
| | | | 3=SC/APC |
| | | | 4=SC/PC |
| | | | 5=ST |
| | | | 6=LC |
| | | | S=Specify |