

0305 1310 nm to 1610 nm WDM

W7100-S



1550 nm/1610 nm FWDM

This highly reliable FWDM (filter wavelength division multiplexing) provides low insertion loss. It can be used for transmitters and fiber lasers in WDM network system, fiberoptic instruments and fiber optical amplifier.

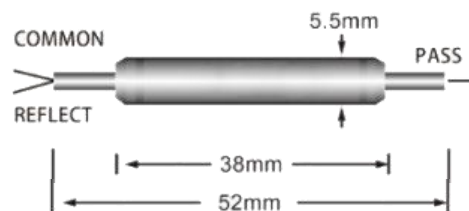
FEATURES

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

USE IN

- System Monitoring
- WDM Network
- Transmitters and Fiber Lasers
- Fiber Optic Instruments
- Fiber Optical Amplifier

MECHANICAL DRAWING



Pass Wavelength	1550 nm or 1610 nm
Reflection Wavelength	1550 nm or 1610 nm
Pass Insertion Loss	0.6 dB max.
Reflection Insertion Loss	0.5 dB max.
Pass Channel Isolation	30 dB min.
Reflection Isolation	15 dB min.
Polarization Dependent Loss	0.1 dB max.
Return Loss	50 dB min.
Wavelength Thermal Stability	0.003 nm/°C max.
Insertion Loss Thermal Stability	0.005 dB/°C max.
Channel Flatness	0.3 dB max.
Directivity	50 dB min.
Power Handling	300 mW max.
Operating Temperature	-10°C to +70°C
Storage Temperature	-40°C to +85°C
Dimension	5.5x5.5x38 mm

Order notes to our customers: The default parameters are as follows. For special needs, please contact sales.

1) Connector FC/APC, 900 um, 1 m by default for all devices except for high power devices.

2) Slow axis working, fast axis blocked, connector key is aligned to slow axis by default for PM devices.