

0605 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

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	-20°C to +75°C
Storage Temperature	-40°C to +85 °C
Package Dimension	5.5x5.5x34 mm (L38 for 900 μm Loose Tube)