

## 0605 1310 nm to 1610 nm WDM

W6300-S



### 1490 nm/1550 nm FWDM

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

#### FEATURES

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

#### USE IN

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

Pass Wavelength	1530 nm to 1580 nm or 1440 nm to 1490 nm
Reflection Wavelength	1440 nm to 1490 nm or 1530 nm to 1580 nm
Pass Insertion Loss	0.6 dB max.
Reflection Insertion Loss	0.5 dB max.
Pass Channel Isolation	30 dB min.
Reflection Isolation	13 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	55 dB min.
Power Handling	300 mW max.
Operating Temperature	0°C to +70°C
Package Dimension	5.5x5.5x34 mm (L38 mm for 900 μm Loose Tube)