



## W5100-S

### 980 nm/1064 nm FWDM

The WDM' W5100-S is a 980 nm/1064 nm FWDM which can achieve system monitoring. It provides wide operating wavelength range, low insertion loss, high channel isolation, wide operating wavelength range, wide pass band, high stability and reliability and epoxy free optical path. It can be used for transmitters and fiber lasers, WDM network system, fiberoptic instruments and fiber optical amplifier.

WDM/  
CWDM Filter

WDM/  
CWDM Filter

#### 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
- Transmitters and Fiber Lasers
- Fiber Optic Instruments
- Fiber Optical Amplifier
- WDM Network

Pass Wavelength	960 nm-990 nm or 1020 nm-1080 nm
Reflection Wavelength	1020 nm-1080 nm or 960 nm-990 nm
Pass Insertion Loss	0.8 dB max.
Reflection Insertion Loss	0.6 dB max.
Pass Channel Isolation	25 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.
Operating Temperature	0°C to +70°C
Storage Temperature	-40°C to +85°C
Package Dimension	5.5x5.5x34 mm
Power Handling	300 mW max.