

## 0605 1310 nm to 1610 nm WDM

W7101-S



### 1x2 1547.47 nm to 1552.77 nm Bandpass Filter

This bandpass filter utilizes thin-film technology to notch filter wavelengths of 1547.47 nm to 1552.77 nm. It offers low insertion loss, extremely flat response, and high isolation.

#### FEATURES

- Extremely Flat Response
- Low Insertion Loss
- High Isolation

#### USE IN

- System Monitoring
- WDM Network
- Fiber Optic Instruments

Reflect Band Wavelength	1520 nm to 1546.37 nm & 1553.88 nm to 1570 nm
Pass Band Wavelength	1547.47 nm to 1552.77 nm
Pass Band Insertion Loss	0.8 dB max.
Reflect Band Insertion Loss	0.6 dB max.
Isolation (Pass Band)	30 dB min.
Isolation (Reflection Port)	15 dB min.
Polarization Mode Dispersion	0.1 dB max.
Directivity	50 dB min.
Return Loss	45 dB min.
Polarization Dependent Loss	0.1 dB max.
Fiber Type	SMF-28e with 900 μm Loose Tube
Power Handling	300 mW max.
Package Dimension	5.5x5.5x38 mm