

## 0605 1310 nm to 1610 nm WDM

W1036-S



### 1542.92 nm to 1547.32 nm Bandpass Filter, 2 Port

This bandpass filter utilizes thin-film technology to notch filter wavelengths of 1542.92 nm to 1547.32 nm, ideal for C-band EDFA ASE filtering. It offers low insertion loss, flat response, and high isolation.

#### FEATURES

- Low Excess Loss
- Flat Response
- High Isolation
- High Stability and Reliability

#### USE IN

- C-band EDFA ASE Filtering

Wavelength Range $\lambda_P$	1542.92 nm to 1547.32 nm
Rejection Wavelength $\lambda_R$	1450 nm to 1541.22 nm/1549.02 nm to 1600 nm
Insertion Loss	1.30 dB max.
Insertion Loss @ $\lambda_C$	1.30 dB max.
Flatness	0.50 dB max.
Isolation @ $\lambda_R$	20 dB min.
Isolation of Isolator (0 to 70°C)	22 dB min.
PDL	0.15 dB max.
Return Loss	45 dB min.
Fiber Type	SMF-28 250 micron
Connector	None
Diagram	5.5±0.2x32±2x32±2 mm
Fiber Length	1.00 m min.