



W1035-S

1539.55 nm to 1543.95 nm Bandpass Filter, 2 Port

This bandpass filter utilizes thin-film technology to notch filter wavelengths of 1539.55 nm to 1543.95 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 λ_P	1539.55 nm to 1543.95 nm
Rejection Wavelength λ_R	1450 nm to 1537.85 nm/ 1545.65 nm to 1600 nm
Insertion Loss	1.30 dB max.
Insertion Loss @ λ_C	1.30 dB max.
Flatness	0.50 dB max.
Isolation @ λ_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.