

W1037-S


1552.94 nm to 1557.34 nm Bandpass Filter, 2 Port

This bandpass filter utilizes thin-film technology to notch filter wavelengths of 1552.94 nm to 1557.34 nm, ideal for C-band EDFA ASE filtering. It offers low insertion loss, flat response, and high isolation.

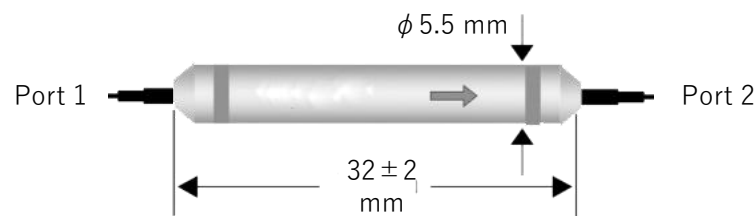
FEATURES

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

USE IN

- C-band EDFA ASE Filtering

MECHANICAL DRAWING



Wavelength Range λ_P	1552.94 nm to 1557.34 nm
Rejection Wavelength λ_R	1450 nm to 1551.24 nm /1559.04 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.
Diagram	5.5±0.2x5.5±0.2x32±2 mm

Order notes to our customers: The default parameters are as follows. For special needs, please contact sales.

1) Connector FC/APC, 900 μ m, 1 m by default for all devices except for high power devices.

2) Slow axis working, fast axis blocked, connector key is aligned to slow axis by default for PM devices.