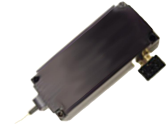


0706 Tunable Optical Filter

TF1003



Fiber Fabry-Perot Tunable Filter, 0.5 nm Bandwidth, FSR 100 nm

The filter achieves high finesse and maintains low loss making it a critical component to a broad range of applications. For Fiber Bragg Grating (FBG) based sensor systems, it can be utilized as the key component for wavelength filtering. It allows many telecom DWDM systems to optimize EDFA receiver performance. It has proven its capabilities in 10 Gb/s DWDM transmission applications.

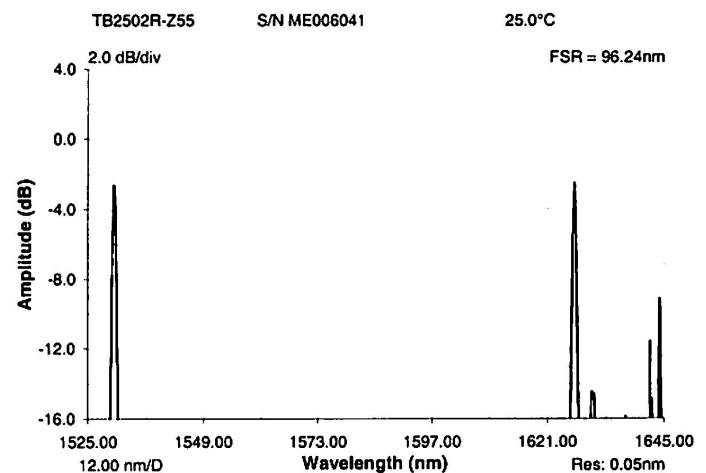
FEATURES

- High Finesse
- Good Thermal Stability
- Low Loss
- Low Power Consumption

USE IN

- EDFA Noise Filter
- WDM Channel Selector
- Optical Spectrum Analysis
- Wideband Channel Switching
- WDMA Network
- Laser Stabilization
- Tunable Laser

Free Spectral Range



Operating Wavelength Range	1530 nm to 1640 nm
Bandwidth @ 3 dB at 1565 nm (Double-Pass)	0.43 nm to 0.68 nm
Free Spectral Range	90 nm to 120 nm
Finesse	175 to 220
Insertion Loss at 1565 nm (Double-Pass)	4.5 dB max.
Tuning Voltage per FSR	12 V max.
Voltage	30 V max.
Operating Temperature	-5°C to +65°C
Fiber Type	9/125/900 um

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

1) Connector FC/APC, 900 um, 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.