

Channel Selector

FTB-9310



Flat-top filter

Low insertion loss

High channel isolation

100-GHz channel spacing

High-Performance Network Testing

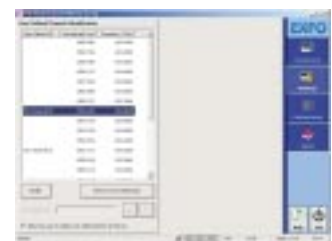
EXFO's FTB-9310 Channel Selector is a tunable filter for high-performance, advanced optical networking systems. Capable of selecting any one of 41 ITU channels within the C-band, the FTB-9310 is an ideal solution for protocol and DWDM applications. Use it for dynamic provisioning or bit-error-rate (BER) performance monitoring for long-haul and metro networks.

Efficient Channel Isolation

Perform BER or protocol-layer testing on a single channel selected from the C-band. The FTB-9310 is tailor-made for DWDM applications that require low loss, high channel isolation and versatility at the wavelength level. This two-slot module combines perfectly with the FTB-8000 SONET/SDH 10 Gb/s Test Module. Both can be housed in the sturdy FTB-400 Universal Test System for a first-class go-anywhere solution. Add the FTB-5240B Optical Spectrum Analyzer for complete system commissioning.

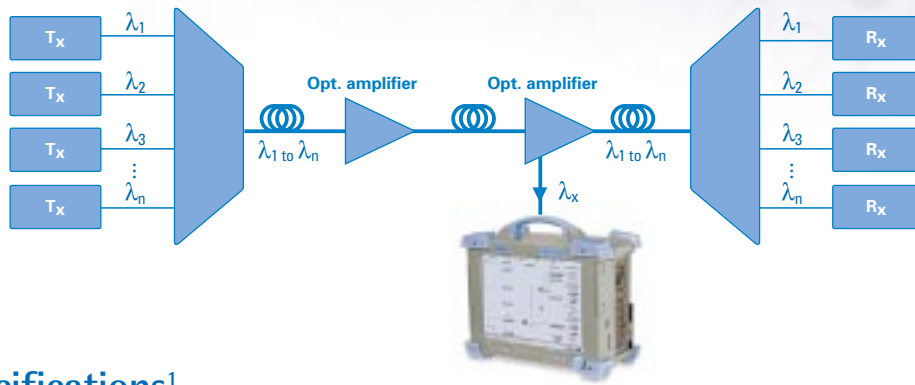
User-Friendly Software

View multiple channels and select the one you want to test—all on one easy-to-use touchscreen.



Fiber-optic T&M,
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Specifications¹

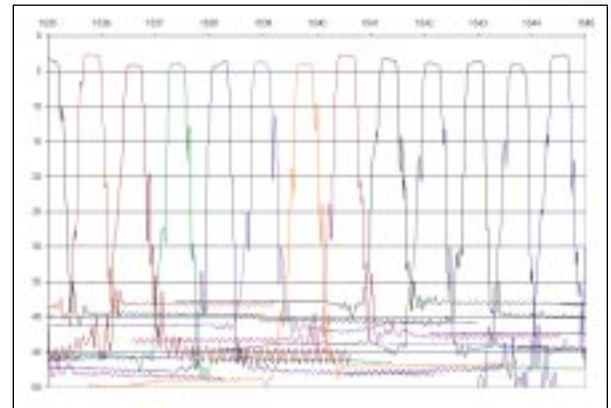
Wavelength selection	Any ITU channel from 192.1 THz to 196.1 THz (C-Band)
Central wavelength uncertainty (accuracy)	40 pm
ITU channel isolation (typical)	40 dB
Bandwidth (at 3 dB) (typical)	320 pm
Insertion loss (typical)	4 dB (at ITU channel wavelength)
Tuning time for adjacent channel	1 s
PDL	≤ 0.5 dB

General Specifications

Temperature	operating	0 °C to 40 °C
	storage	-20 °C to 70 °C
Relative humidity		95 %
Size (H x W x D)		9.6 cm x 5.1 cm x 26.0 cm (3 3/4 in x 2 in x 10 1/4 in)
Weight		1.1 kg (2.4 lb)

Note:

1. At room temperature.



Ordering Information

FTB-9310-XX

Connector

EI-EUI-28 = UPC/DIN 47256

EI-EUI-76 = UPC/HMS-10/AG

EI-EUI-89 = UPC/FC narrow key

EI-EUI-90 = UPC/ST

EI-EUI-91 = UPC/SC

EI-EUI-95 = UPC/E-2000

Example: FTB-9310-EI-EUI-89

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Rugged Handheld Solutions

- OLTS
- Power Meter
- Light Source
- Talk Set



UNIVERSAL TEST SYSTEM

- OTDR
- OLTS
- ORL
- Switch

Optical Fiber

- OSA
- PMD
- Chromatic Dispersion Analyzer
- Multiwavelength Meter

DWDM Test Systems

Protocol

- 10/100 and Gigabit Ethernet
- SONET/SDH (DS0 to OC-192c)
- SDH/PDH (64Kb/s to STM-64c)

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Contact EXFO for prices and availability or to obtain the phone number of your local EXFO distributor.

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In case of discrepancy, the Web version takes precedence over any printed literature.