

# Channel Selector

FTB-9310



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Flat-top filter

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Low insertion loss

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High channel isolation

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100-GHz channel spacing

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## High-Performance Network Testing

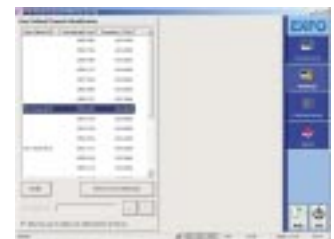
EXFO's FTB-9310 Channel Selector is a tunable filter for high-performance, advanced optical networking systems. Capable of selecting any one of 41 ITU channels within the C-band, the FTB-9310 is an ideal solution for protocol and DWDM applications. Use it for dynamic provisioning or bit-error-rate (BER)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

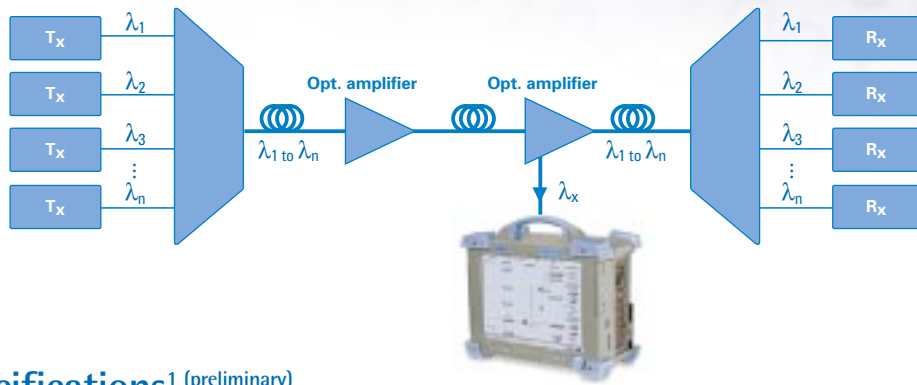
## User-Friendly Software

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



Fiber-optic T&M,  
monitoring, manufacturing  
and assembly solutions

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## Specifications<sup>1</sup> (preliminary)

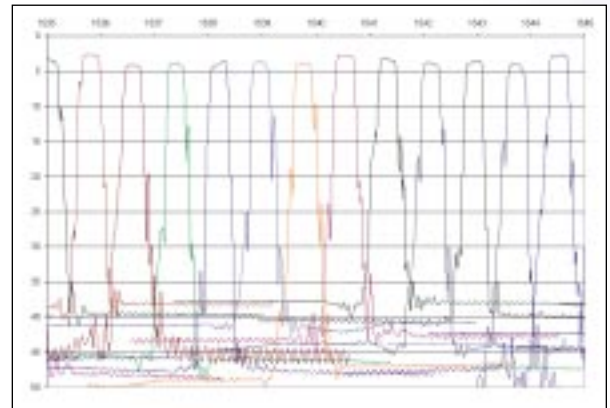
Wavelength selection	Any ITU channel from 192.1 THz to 196.1 THz (C-Band)
Central wavelength uncertainty (accuracy)	40 pm
ITU channel isolation (typical)	40 dB
Bandwidth (at 3 dB) (typical)	320 pm
Insertion loss (typical)	4 dB (at ITU channel wavelength)
Tuning time for adjacent channel	1 s
PDL	≤ 0.5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

UPC	The following EUI are available:	EUI-89 = FC	EUI-91 = SC
	EUI-28 = DIN 47256	EUI-90 = ST	EUI-95 = E-2000
	EUI-76 = HMS-10/AG		

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 <p><b>Rugged Handheld Solutions</b></p> <ul style="list-style-type: none"> <li>• OLTS</li> <li>• Power Meter</li> <li>• Light Source</li> <li>• Talk Set</li> </ul>	 <p><b>UNIVERSAL TEST SYSTEM</b></p> <ul style="list-style-type: none"> <li>• OTDR</li> <li>• OLTS</li> <li>• ORL</li> <li>• Switch</li> </ul>	<p><b>Optical Fiber</b></p> <ul style="list-style-type: none"> <li>• OSA</li> <li>• PMD</li> <li>• Chromatic Dispersion Analyzer</li> <li>• Multiwavelength Meter</li> </ul>	<p><b>DWDM Test Systems</b></p> <ul style="list-style-type: none"> <li>• 10/100 and Gigabit Ethernet</li> <li>• SONET/SDH (DSO to OC-192c)</li> <li>• SDH/PDH (64Kb/s to STM-64c)</li> </ul>	<p><b>Protocol</b></p>
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