

Channel Selector

IQS-9310



Flat-top filter

High channel isolation

100-GHz channel spacing

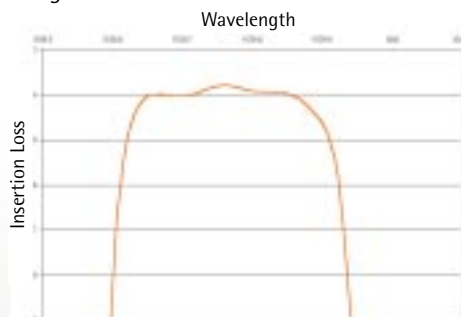
Low insertion loss

High-Performance System Testing

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

Efficient Channel Isolation

Perform BER or protocol-layer testing on a single channel selected from the C-band. The IQS-9310 is tailor-made for DWDM applications that require low loss, high channel isolation and versatility at the wavelength level. Combine it with the EXFO Gnubi EXP or FTB-8000 for smooth, efficient SONET/SDH 10 Gb/s BER testing.

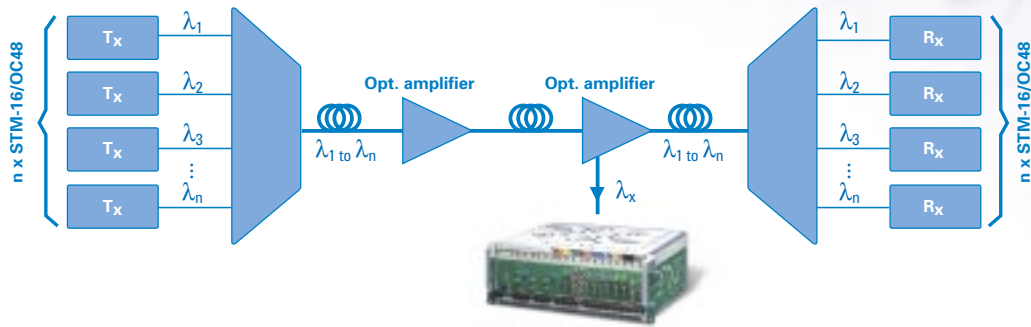


User-Friendly Software

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





Specifications¹

Wavelength range	Any ITU channel from 1528 nm to 1560 nm (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)		12.5 cm x 3.6 cm x 28.2 cm (4 15/16 in x 1 7/16 in x 11 1/8 in)
Weight		1.1 kg (2.4 lb)

Instrument Drivers

LabVIEW™ drivers, SCPI commands and COM/DCOM libraries

Remote Control

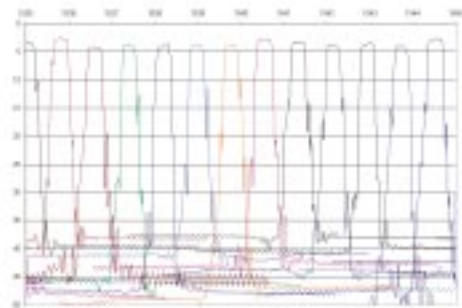
With IQS-500: GPIB (IEEE-488.1, IEEE-488.2), Ethernet and RS-232

Standard Accessories

User Guide, Certificate of Compliance and Calibration Certificate

Notes

1. At room temperature



Ordering Information

IQS-9310-B-EI

Fiber code _____
9/125 μm singlemode

UPC _____

The fixed baseplate, must be ordered with a removable universal connector adapter (EUI-XX). Please specify one EUI from the following list:

EUI-28 = DIN 47256

EUI-76 = HMS-10/AG

EUI-89 = FC (narrow key)

EUI-90 = ST

EUI-91 = SC

EUI-95 = E-2000

CORPORATE HEADQUARTERS	465 Godin Avenue	Vanier (Quebec) G1M 3G7 CANADA	Tel.: 1 418 683-0211 · Fax: 1 418 683-2170
EXFO AMERICA	1201 Richardson Drive, Suite 260	Richardson TX 75080 USA	Tel.: 1 800 663-3936 · Fax: 1 972 907-2297
EXFO EUROPE	Le Dynasteur, 10/12 rue Andras Beck	92366 Meudon la Forêt Cedex FRANCE	Tel.: +33.1.40.83.85.85 · Fax: +33.1.40.83.04.42
EXFO ASIA-PACIFIC	151 Chin Swee Road, #03-29 Manhattan House	SINGAPORE 169876	Tel.: +65 6333 8241 · Fax: +65 6333 8242
EXFO CHINA	Beijing New Century Hotel Office Tower, Room 1754-1755 No. 6 Southern Capital Gym Road	Beijing 100044 P. R. China	Tel.: +86 (10) 6849 2738 · Fax: +86 (10) 6849 2662
TOLL-FREE (USA and Canada)	Tel.: 1 800 663-3936		www.exfo.com • info@exfo.com

EXFO is certified ISO 9001 and attests to the quality of these products. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. EXFO has made every effort to ensure that the information contained in this specification sheet is accurate. However, we accept no responsibility for any errors or omissions, and we reserve the right to modify design, characteristics and products at any time without obligation. Units of measurement in this document conform to SI standards and practices.

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

For the most recent version of this spec sheet, please go to the EXFO Web site at <http://www.exfo.com/support/techdocs.asp>

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