

**Aumictech**

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Data Sheet

August 13, 2026

EXFO

Exfo IQS-2400 WDM Laser Source Module

The EXFO IQS-2400 is a multi-wavelength laser source module designed for WDM system testing. It emits multiple precise wavelengths simultaneously, enabling efficient channel verification and fiber characterization.



MODEL

Exfo IQS-2400

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

IQS-2400

LISTING

<https://aumictechlabs.com/products/iqs-2400-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The EXFO IQS-2400 WDM Laser Source module is engineered for dense wavelength division multiplexing (DWDM) system verification. It generates multiple laser lines at specific ITU grid wavelengths, enabling testing of multi-channel transmission systems and wavelength-specific components. Each laser channel delivers stable power and narrow linewidths, ensuring precise testing of filters, multiplexers, and WDM transceivers. With programmable channel selection and power levels, the IQS-2400 facilitates flexible, repeatable measurements for lab and manufacturing applications. The module integrates with the IQS platform and supports remote control via automation scripts. It's suitable for characterizing wavelength-dependent losses, verifying channel spacing, and testing receiver sensitivity across the spectrum.

Features & description

From manufacturer datasheet

Features

- C-band and L-band DFB WDM laser options; 1308 nm P4 band available

Applications

- EDFA and optical amplifier tone-comb testing

IQS2400 Characteristics / Specifications

PARAMETER	VALUE
Model	IQS-2400
Manufacturer	EXFO
Instrument Type	WDM Laser Source Module
Alias	IQS-2400 WDM Laser Source; IQ-2400 family equivalent
Platform	IQS-500 Intelligent Test System Cband wavelength range: 1528 nm to 1565 nm Lband wavelength range: 1566 nm to 1606 nm
P4 wavelength band	1308 ±5 nm
Wavelength tuning range C/L	±1 nm
Wavelength tuning range P4 typical	±0.5 nm
Wavelength tuning resolution	0.01 nm
Wavelength accuracy selected options	±0.01 nm
Wavelength accuracy P6/P7 class	±0.02 nm
Wavelength stability	±0.002 nm (8 h at 23±1 C after warmup)
Output power P4/P	10 dBm
Output power P6/P	13 dBm
Output power attenuation C/L	10 dB
Output power attenuation P	greater than 6 dB
Sidemode suppression	30 dB (40 dB typical)
Output power uncertainty	±0.3 dB
Power stability 15 min	±0.005 dB (Δ =0.01)
Power stability 8 h	±0.03 dB (Δ =0.06)
Modulation frequency	0.010 kHz to 300 kHz
Dither amplitude range	1 mA to 5 mA
Dither waveform	square / triangular
Size	125 mm x 36 mm x 282 mm
Weight	0.580 kg

PARAMETER	VALUE
Operating temperature	10 C to 40 C
Storage temperature	-40 C to 70 C
Relative humidity	0% to 95% non-condensing
Remote control	GPIO; Ethernet; RS-232 via IQS-500
Laser safety	Class 1M
High stability temperature step	0.01 C
High stability current step	0.01 mA
Discontinued date	2015-11-03
End of service date	2020-10-31 Notes Specs from EXFO IQS-2400 / IQ-2400 WDM Laser Source datasheets. Confirm wavelength band (02/03/04), power option (P4–P7), PMF, and connector code on the module label.
Modes	Normal; High-Wavelength Stability; Dithering; On/Off
Wavelength range	1528 nm to 1565 nm Lband wavelength range: 1566 nm to 1606 nm
Absolute wavelength accuracy	±0.01 nm (selected options)
Attenuation	range (C/L options)
Power stability	15 min: ±0.005 dB ($\Delta=0.01$)
Humidity	0% to 95% non-condensing

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	40 C to 70 C
Operating temperature	10 C to 40 C
Operating Temperature	10 C to 40 C
Humidity	0% to 95% non-condensing
Relative humidity	0% to 95% non-condensing
Remote control	GPiB; Ethernet; RS-232 via IQS-500
Laser safety	Class 1M
High stability temperature step	0.01 C
High stability current step	0.01 mA
Discontinued date	2015-11-03
End of service date	2020-10-31 Notes Specs from EXFO IQS-2400 / IQ-2400 WDM Laser Source datasheets. Confirm wavelength band (02/03/04), power option (P4-P7), PMF, and connector code on the module label.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
Specifications	
PARAMETER	VALUE
Model	IQS-2400
Manufacturer	EXFO
Instrument Type	WDM Laser Source Module
Specifications	
PARAMETER	VALUE
Alias	IQS-2400 WDM Laser Source; IQ-2400 family equivalent
Platform	IQS-500 Intelligent Test System Cband wavelength range: 1528 nm to 1565 nm Lband wavelength range: 1566 nm to 1606 nm
P4 wavelength band	1308 ±5 nm
Specifications	
PARAMETER	VALUE
Wavelength tuning range C/L	±1 nm
Wavelength tuning range P4 typical	±0.5 nm
Wavelength tuning resolution	0.01 nm
Specifications	
PARAMETER	VALUE
Wavelength accuracy selected options	±0.01 nm
Wavelength accuracy P6/P7 class	±0.02 nm
Wavelength stability	±0.002 nm (8 h at 23±1 C after warmup)
Specifications	
PARAMETER	VALUE
Output power P4/P5	10 dBm
Output power P6/P7	13 dBm
Output power attenuation C/L	10 dB

Specifications

PARAMETER	VALUE
Output power attenuation P4	greater than 6 dB
Sidemode suppression	30 dB (40 dB typical)
Output power uncertainty	±0.3 dB

Specifications

PARAMETER	VALUE
Power stability 15 min	±0.005 dB ($\Delta=0.01$)
Power stability 8 h	±0.03 dB ($\Delta=0.06$)
Modulation frequency	0.010 kHz to 300 kHz

Specifications

PARAMETER	VALUE
Dither amplitude range	1 mA to 5 mA
Dither waveform	square / triangular
Size	125 mm x 36 mm x 282 mm

Specifications

PARAMETER	VALUE
Weight	0.580 kg
Operating temperature	10 C to 40 C
Storage temperature	-40 C to 70 C

Specifications

PARAMETER	VALUE
Relative humidity	0% to 95% non-condensing
Remote control	GPiB; Ethernet; RS-232 via IQS-500
Laser safety	Class 1M

Specifications

PARAMETER	VALUE
High stability temperature step	0.01 C
High stability current step	0.01 mA
Discontinued date	2015-11-03

End of service date: 2020-10-31

Notes

Specs from EXFO IQS-2400 / IQ-2400 WDM Laser Source datasheets. Confirm wavelength band (02/03/04), power option (P4-P7), PMF, and connector code on the module label.

Laser Safety

Laser safety: Class 1M High stability temperature step: 0.01 C High stability current step: 0.01 mA
Discontinued date: 2015-11-03 End of service date: 2020-10-31 Notes Specs from EXFO IQS-2400 / IQ-2400 WDM Laser Source datasheets. Confirm wavelength band (02/03/04), power option (P4-P7), PMF, and connector code on the module label.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.