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**Data Sheet**

August 14, 2026

EXFO

# Exfo FLS-2600B “ Tunable Laser Source

Exfo FLS-2600B – Tunable Laser Source, Tunable laser source supporting fast, precise wavelength sweeping for optical component and system testing. Features high power output, narrow linewidth, and excellent wavelength repeatability. Ideal for DWDM network development, filter characterization, and system simulation in lab and manufacturing environments.



MODEL

**Exfo FLS-2600B**

CALIBRATION

**Available on request**

CONDITION

**Used**

STATUS

**In stock**

RFQ / SKU

**FLS-2600B**

LISTING

<https://aumictechlabs.com/products/fls-2600b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

## This unit

The EXFO FLS-2600B is a tunable laser source engineered for precision optical component and system testing across the C-band. It delivers fast wavelength sweeping, narrow linewidth output, and exceptional wavelength stability - essential for DWDM network development, filter characterization, and laboratory manufacturing environments. Technical Specifications Wavelength Tuning Tuning range: 1510 nm to 1612 nm Output power: >0 dBm (1515–1610 nm); >–10 dBm (1510–1612 nm) Tuning resolution: 0.01 nm Sweep speed: Up to 50 nm/s in continuous mode Programmable sweep modes: Continuous and step-by-step Wavelength repeatability: ±2.5 pm over 10 measurements Wavelength stability: ±2.5 pm over 1 hour Optical Performance Effective spectral linewidth (FWHM): Typically 700 MHz (1610 nm) to 2 GHz (1520 nm); typical 1.3 GHz Coherence length: Approximately 15 cm in SMF-28 fiber Mode-hop free across entire tuning range Signal-to-SSE ratio: >65 dB Signal-to-total-noise ratio: >45 dB Dynamic range: >60 dB Output power stability: ±0.01 dB over one hour Output power control: ±10 dB attenuation range with automatic level control (ALC) selectable Interfaces & Control Front panel control and remote access via GPIB or RS-232 SCPI command set with LabVIEW driver support Main output: FC/SC/E-2000 compatible

connector Monitor output: 5% tap for real-time wavelength monitoring Trigger in/out: TTL-compatible for sweep synchronization Key Features Mode-hop-free operation eliminates spectral discontinuities during tuning Medium coherence length mitigates connector interference and parasitic reflection effects Naturally low spontaneous emission for clean signal integrity Dual control architecture supports both local and remote operation Typical Applications DWDM system design and validation Optical filter and component characterization System simulation and performance modeling Manufacturing test and quality assurance Compatibility & Integration The FLS-2600B integrates with external instruments via trigger I/O and communicates through industry-standard SCPI protocols. LabVIEW drivers and RS-232/GPIB interfaces enable seamless integration into automated test systems.

## FLS2600B Characteristics / Specifications

| PARAMETER                      | VALUE                                    |
|--------------------------------|------------------------------------------|
| Instrument Family              | EXFO FLS-2600B broadband source          |
| Source Type                    | broadband                                |
| Wavelength Coverage Class      | C/L or broadband telecom class           |
| Output Power Class             | high power broadband class               |
| Power Stability Class          | high stability class                     |
| Spectral Width Class           | broadband ASE-like class                 |
| Fiber Type                     | singlemode                               |
| Connector Interface            | EXFO UI adapters class                   |
| Form Factor                    | benchtop                                 |
| AC Powered                     | yes                                      |
| Remote Control Class           | configuration dependent                  |
| Display                        | power/status readout class               |
| Operating Temperature Class    | laboratory                               |
| Series Family                  | EXFO FLS                                 |
| Related Sibling                | FLS-2300B class in project library       |
| Modulation Class               | configuration dependent                  |
| Output Attenuator Path         | configuration dependent                  |
| Safety Class                   | laser product class per label            |
| Manufacturer                   | per instrument faceplate branding        |
| Documentation Basis            | OEM datasheet or operating manual family |
| Specification Ambient Class    | 23 C class unless otherwise stated       |
| Calibration Traceability Class | standards laboratory traceable class     |
| Power stability                | Class: high stability class              |
| Operating temperature          | Class: laboratory                        |

# FLS2600B Specifications

| PARAMETER                | VALUE                                                                                                                                 |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Applications             | Broadband stimulus for passive component testing, DWDM filter characterization support, and stable optical power for loss/ORL setups. |
| Key Features             | Broadband optical output                                                                                                              |
| Technical Specifications | Instrument Family: EXFO FLS-2600B broadband source                                                                                    |

# General Specifications & Supplementary Characteristics

| PARAMETER                      | VALUE                                                                                                                                                                                                                                                     |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating temperature          | Class: laboratory                                                                                                                                                                                                                                         |
| Operating Temperature          | Class: laboratory                                                                                                                                                                                                                                         |
| Operating Temperature Class    | laboratory                                                                                                                                                                                                                                                |
| Series Family                  | EXFO FLS                                                                                                                                                                                                                                                  |
| Related Sibling                | FLS-2300B class in project library                                                                                                                                                                                                                        |
| Modulation Class               | configuration dependent                                                                                                                                                                                                                                   |
| Output Attenuator Path         | configuration dependent                                                                                                                                                                                                                                   |
| Safety Class                   | laser product class per label                                                                                                                                                                                                                             |
| Manufacturer                   | per instrument faceplate branding                                                                                                                                                                                                                         |
| Documentation Basis            | OEM datasheet or operating manual family                                                                                                                                                                                                                  |
| Specification Ambient Class    | 23 C class unless otherwise stated                                                                                                                                                                                                                        |
| Calibration Traceability Class | standards laboratory traceable class Notes Identity and capability rows from EXFO FLS-2600B / FLS broadband source family literature. Confirm exact wavelength span output power and stability on the unit datasheet; do not invent numeric power levels. |

# 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                                    |
| Instrument Family                                                                                                                                                                                              | EXFO FLS-2600B broadband source          |
| Source Type                                                                                                                                                                                                    | broadband                                |
| Wavelength Coverage Class                                                                                                                                                                                      | C/L or broadband telecom class           |
| Output Power Class                                                                                                                                                                                             | high power broadband class               |
| Power Stability Class                                                                                                                                                                                          | high stability class                     |
| Spectral Width Class                                                                                                                                                                                           | broadband ASE-like class                 |
| Fiber Type                                                                                                                                                                                                     | singlemode                               |
| Connector Interface                                                                                                                                                                                            | EXFO UI adapters class                   |
| Form Factor                                                                                                                                                                                                    | benchtop                                 |
| AC Powered                                                                                                                                                                                                     | yes                                      |
| Remote Control Class                                                                                                                                                                                           | configuration dependent                  |
| Display                                                                                                                                                                                                        | power/status readout class               |
| Operating Temperature Class                                                                                                                                                                                    | laboratory                               |
| Series Family                                                                                                                                                                                                  | EXFO FLS                                 |
| Related Sibling                                                                                                                                                                                                | FLS-2300B class in project library       |
| Modulation Class                                                                                                                                                                                               | configuration dependent                  |
| Output Attenuator Path                                                                                                                                                                                         | configuration dependent                  |
| Safety Class                                                                                                                                                                                                   | laser product class per label            |
| Manufacturer                                                                                                                                                                                                   | per instrument faceplate branding        |
| Documentation Basis                                                                                                                                                                                            | OEM datasheet or operating manual family |
| Specification Ambient Class                                                                                                                                                                                    | 23 C class unless otherwise stated       |
| Calibration Traceability Class                                                                                                                                                                                 | standards laboratory traceable class     |
| Notes                                                                                                                                                                                                          |                                          |
| Identity and capability rows from EXFO FLS-2600B / FLS broadband source family literature. Confirm exact wavelength span output power and stability on the unit datasheet; do not invent numeric power levels. |                                          |

### 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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NIST-traceable calibration · SAM registered ·  
30-day returns  
NAICS 423690 · 811210 · 541380  
Generated August 14, 2026

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