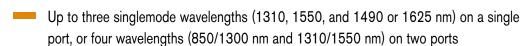


LIGHT SOURCE III

FLS-600

СW ЛЛ

IIII NETWORK TESTING



- Rechargeable batteries
- Visual fault locator (VFL) option for quick and easy troubleshooting
- Three-year warranty and recommended calibration interval, for low cost of ownership
- Ergonomic, eye-catching handheld package

Part of EXFO's 600 handheld series, which includes the FPM-600 Power Meter and the FOT-600 Optical Loss Test Set, the FLS-600 Light Source is designed for first-class versatility. Choose among laser, LED and VCSEL models, as well as various wavelength options. What's more, you can save time by building a list of your "favorite" wavelengths and only sweeping through these wavelengths when testing.

Error-Free, Time-Saving Test Features: Automatic Wavelength Recognition and Distant Referencing

The FLS-600 transmits with a wavelength-identification digital encrypted protocol, so that any compatible unit-another 600 series unit, a 300 series unit, the FOT-930 MaxTester or the FTB-3930 Multitest Module-can automatically recognize the wavelength in use and switch to the proper calibration parameters, providing for error-free testing.

Signal encrypting can also give the receiving end information on the power to be used as reference, helping ensure efficient referencing, even when the two units are far apart.

FTTx Ready

EXFO's FLS-600 allows for the testing of passive optical networks (PONs) at 1310 nm, 1490 nm and 1550 nm, the three wavelengths recommended by the ITU-T (G.983.3) for PONs.

Rugged and Versatile

Like all EXFO portable instruments, the FLS-600 is built for top ruggedness, perfect for the harshest test conditions. It also features a keypad/LCD backlight, for easy operation in darker environments.





Light Source

SPECIFICATIONS 1

Model ²	12D	23BL	234BL	235BL	01-VCL
Central wavelength (nm)	850 ± 25	1310 ± 20	1310 ± 20	1310 ± 20	850 ± 20
	1300 +50/-10	1550 ± 20	1550 ± 20	1490 ± 10	
			1625 ± 15	1550 ± 20	
Spectral width³ (nm)	50/135	≤ 5	≤ 5	≤ 5	≤1
Output power (dBm)	\geq -18/ \geq -18 (62.5/125 µm)	≥ 1/≥ 1	≥ 1/≥ -3/≥ -5	≥ 1/≥ -4.5/≥ -3	\geq -3 (50/125 μ m)
Automatic wavelength recognition	Yes	Yes	Yes	Yes	Yes
Tone generation	270 Hz, 1 kHz, 2 kHz	270 Hz, 1 kHz, 2 kHz	270 Hz, 1 kHz, 2 kHz	270 Hz, 1 kHz, 2 kHz	270 Hz, 1 kHz, 2 kHz
Warranty and recommended calibration interval (years)	3	3	3	3	3

VFL4

*		
Emitter type	Laser	
Wavelenght (nm)	650	
Output power (dBm)	3	

General Spec	ifications			
Size (H x W x D)		19.0 cm x 10.0 cm x 6.2 cm	(7 1/2 in x 4 in x 2 1/2 in)	
Weight		0.48 kg	(1.1 lb)	
Temperature	operating	−10 °C to 50 °C	(14 °F to 122 °F)	
	storage	-40 °C to 70 °C	(-40 °F to 158 °F)	
Relative humidity 0 % to 95 % non-condensing				

Standard Accessories

User guide, Certificate of Calibration, instrument stickers in six languages, AC adapter/charger, lithium ion battery, shoulder strap, soft carrying case.

Safety

21 CFR 1040.10 and IEC 60825-1:1993+A1:1997+A2:2001: CLASS 1M LASER PRODUCT CLASS 3R LASER PRODUCT FOR VFL OPTION

Notes

- 1. Guaranteed unless otherwise specified.
- 2. All specifications valid at 23 °C \pm 1 °C, with an FC connector.
- 3. rms for FP lasers and VCSEL; and -3 dB width for LEDs (typical values for LEDs).
- 4. Typical values in 62.5/125 μm fiber.

ORDERING INFORMATION

FLS-600-XX-XX-XX

Model FLS-600-01-VCL = 850 nm, VCSEL

FLS-600-12D = 850/1300 nm LED Fiber D FLS-600-23BL = 1310/1550 nm LSR, 9/125 um FLS-600-234BL = 1310/1550/1625 nm LSR, 9/125 um

FLS-600-235BL = 1310/1490/1550 nm LSR, 9/125 um

FLS-600-12D-23BL = 850/1300 nm LED Fiber D, 1310/1550 nm Laser

Example: FLS-600-234BL-EI-EUI-89-VFL

1. Singlemode only.

Connector — **Visual Fault Locator**

EI-EUI-28 = UPC/DIN 47256 00 = Without visual fault locator

EI-EUI-76 = UPC/HMS-10/AGVFL = With visual fault locator (universal 2.5 mm connector)

EI-EUI-89 = UPC/FC narrow key EI-EUI-90 = UPC/ST

EI-EUI-91 = UPC/SC EI-EUI-95 = UPC/E-2000

EA-EUI-28 = APC/DIN 472561 EA-EUI-89 = APC/FC narrow key¹

 $EA-EUI-91 = APC/SC^{1}$

 $EA-EUI-95 = APC/E-2000^{1}$

Corporate Headquarters > 400 Godin Avenue, Vanier (Quebec) G1M 2K2 CANADA | Tel.: 1 418 683-0211 | Fax: 1 418 683-2170 | info@exfo.com

		Toll	Toll-free: 1 800 663-3936 (USA and Canada) www.exfo.com		
EXFO America	4275 Kellway Circle, Suite 122	Addison, TX 75001 USA	Tel.: 1 800 663-3936	Fax: 1 972 836-0164	
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	Beijing 100044 P. R. CHINA	Tel.: +86 (10) 6849 2738	Fax: +86 (10) 6849 2662	

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 website at http://www.exfo.com/specs In case of discrepancy, the Web version takes precedence over any printed literature.





