

EXFO FLS-600 Light Source

PRODUCT DETAILS

Part of EXFO's 600 handheld series, the FLS-600 Light Source is designed for first-class versatility. Choose among laser or LED models and various wavelength options.

The FLS-600 in Auto-Switching mode allows the unit to automatically toggle between available wavelengths. When using this source with a compatible power meter, the latter recognises the wavelength in use and switches to the proper calibration parameter. The FLS-600 allows for testing of passive optical networks (PONs) at 1310nm, 1490nm and 1550nm, the three wavelengths recommended by the ITU-T (G.983.3) for PONs.

Like all EXFO portable instruments the FLS-600 is built for ruggedness and perfect for the harshest test conditions. Features also include a backlit keypad/LCD and a rechargeable battery life of up to 50 hours.



FEATURES AND BENEFITS

- Designed for first-class versatility with testing of both singlemode and multimode networks
- Up to three singlemode wavelengths on a single port, or four wavelengths on two ports
- Automatic wavelength switching - toggle between available wavelengths
- Tone Generation of 270Hz, 1kHz, 2kHz
- Distant referencing
- FTTx testing and trouble shooting
- Supplied with calibration certificate, AC adapter and carry case
- Rechargeable lithium ion battery, 50 hours life (typical in auto mode)
- Features a backlit keypad/LCD, for easy operation in darker environments
- Testing of passive optical networks (PONs) at 1310nm, 1490nm and 1550nm

SPECIFICATIONS

MODEL	EXF-FLS600-MM	EXF-FLS600-SM1	EXF-FLS600-SM1	EXF-FLS600-SM3
Central Wavelength (nm)	850 ± 25 1300 + 50/-20	1310 ± 20 1550 ± 20	1310 ± 20 1550 ± 20 1625 ± 15	1310 ± 20 1490 ± 20 1625 ± 15
Spectral Width (nm)	50/135	≤5	≤5	≤5
Output Power (dBm)	≥-20/≥-20 (62.5/125µm)	≥1/≥1	≥1/≥-3/≥-5	≥1/≥-4.5/≥-3
Size (HxWxD)	190Hmm x 100Wmm x 62Dmm (7 ^{1/2} in x 4in x 2 ^{1/2} in)			
Weight	0.48kg (1.1lb)			
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			

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ORDERING INFORMATION

SINGLEMODE			
Wavelength/Product Code	Wavelength/Product Code	Wavelength/Product Code	Connector
1310/1550nm	1310/1550/1625nm	1310/1490/1550nm	Interface
EXF-FLS600-SM1-LC	EXF-FLS600-SM2-LC	EXF-FLS600-SM3-LC	LC
EXF-FLS600-SM1-SC	EXF-FLS600-SM2-SC	EXF-FLS600-SM3-SC	SC
EXF-FLS600-SM1-ST	EXF-FLS600-SM2-ST	EXF-FLS600-SM3-ST	ST
EXF-FLS600-SM1-LCA	EXF-FLS600-SM2-LCA	EXF-FLS600-SM3-LCA	LCA
EXF-FLS600-SM1-SCA	EXF-FLS600-SM2-SCA	EXF-FLS600-SM3-SCA	SCA

MULTIMODE	
Wavelength/Product Code	Connector
850/1300nm	Interface
EXF-FLS600-MM-LC	LC
EXF-FLS600-MM-SC	SC
EXF-FLS600-MM-ST	ST

MULTIMODE/SINGLEMODE	
Wavelength/Product Code	Connector
MM: 850/1300nm SM: 1310/1550nm	Interface
EXF-FLS600-LCLCA	LC-MM/LCA-SM
EXF-FLS600-SCSCA	SC-MM/SCA-SM
EXF-FLS600-STST	ST-MM/ST-SM

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