

**NEW**



### **NOYES® FiberTech FT-LS20 Dual Laser Optical Light Source**

The NOYES FT-LS20 from AFL is a basic single port, dual laser Optical Light Source for use in performing insertion loss measurements and fiber identification tasks on single-mode optical networks. The FT-LS20 features 1310 nm and 1550 nm laser outputs from a single output port. Each wavelength may be transmitted at CW or with a 270, 330, 1000 or 2000 Hz tone. The output port of the FT-LS20 features a removable FC adapter. Optional SC and ST adapters are also available.

The FT-LS20 is designed for ease of use. It features a large, easy-to-read LCD, which shows the output wavelength and any selected tone. The FT-LS20 also displays the remaining battery capacity and the status of the automatic power-off function. A user-selectable backlight enables the FT-LS20 to be used in dimly-lit spaces.

The FT-LS20 will operate for approximately 30 hours from a pair of ordinary AA alkaline batteries. An automatic power-down circuit optimizes battery life by shutting off after 5 minutes of operation.

When paired with a NOYES Optical Power Meter (such as the FiberTech FT-PM3, FiberTech FT-PM4, Contractor CSM, OPM4, or OPM5), the FT-LS20 provides installers, technicians, and field engineers with an accurate, stable source of 1310 nm and 1550 nm optical signal for insertion loss measurements.

When paired with a NOYES Optical Fiber Identifier (such as the OFI-200, OFI-400, or OFI-400HP), the FT-LS20 provides users with a source of continuous and tone-modulated signals that enables individual fibers to be definitively identified.

The FT-LS20 is fully N.I.S.T. traceable and complies with CE and RoHS requirements.

#### **Features**

- Palm-sized, rugged, lightweight
- Large LCD with backlight
- 270, 330, 1000, 2000 Hz tone capability
- Long battery life with 2 x AA alkaline
- Battery gauge and automatic power-off function
- N.I.S.T traceable, CE and RoHS compliant

#### **Applications**

- Optical fiber identification
- Optical insertion loss measurements

**NOYES®**  
**FiberTech FT-LS20 Dual Laser Optical Light Source**

**Specifications <sup>a</sup>**

OPTICAL		
Optical Wavelength	1310 nm ±20 nm	1550 nm ±20 nm
Spectral Width (max)	10 nm	10 nm
Output Stability	±0.05 dB over one hour (after 15 minute warm-up)	
Output Power	-7 dBm	
Battery Life	30 hours typical	
GENERAL		
Output Frequencies	CW, 270, 330, 1000, 2000 Hz	
Output Connectors Available	FC, SC, and ST	
Power	2 x AA Batteries	
Operating Temperature	-10 °C to +50 °C, 90 % RH (non-condensing)	
Storage Temperature	-30 °C to 60 °C, 90 % RH (non-condensing)	
Size	114 x 64 x 32 mm (4.5 x 2.5 x 1.3 in)	
Weight	180 g (0.4 lb)	

**Notes:**

a. All specifications valid at 25 °C unless otherwise specified.

**Ordering Information**

DESCRIPTION	AFL NO.
Includes FT-LS20 with FC Adapter, 2 x AA alkaline batteries, carry case and user's guide	FT-LS20-FC
2900-FT-LS-FCMR	FC Connector
2900-FT-LS-SCMR	SC Connector
2900-FT-LS-STMR	ST Connector

AFL recommends annual calibrations on NOYES Test and Inspection products. Prepaid Cal plans offer two annual calibrations at a discounted price, a convenient calibration expiration email service, express calibration services and access to the NOYES product knowledge base. Cal Plus plans offer the same services as the Cal plans with the addition of a two year extended warranty (three years total coverage).

**Calibration Plans**



MODEL	2 YR CAL PLAN	2 YR CAL PLUS PLAN
	AFL NO.	AFL NO.
FT-LS20-FC	CAL2-00-FT-LS20	CAL2-01-FT-LS20



**NOYES International Sales and Service Contact Information**

Available at [www.AFLglobal.com/NOYES/Contacts](http://www.AFLglobal.com/NOYES/Contacts)