

FiberLert™ Live Fiber Detector

The easy, pocket-sized fiber troubleshooter

Quickly verify fiber activity, polarity, and connectivity with the FiberLert™ Live Fiber Detector. This pocket-sized tool tests single-mode, multimode, UPC and APC patch cords and ports with a non-contact / non-contaminating detector. The LightBeat™ feature flashes the LED, indicating a powered-on condition and good battery, a timer shuts FiberLert™ off after five minutes of inactivity to extend battery life (2xAAA, included). Rugged design includes a convenient pocket clip and is backed by a two-year warranty.

- Detects optical power in single-mode and multimode fiber wavelengths (near infrared range 850 nm to 1625 nm)
- No setup or interpretation needed – light and sound indicate presence of an optical signal
- “Non contact” detector reduces the risk of contamination and damage
- Suitable for ports and patch cords, SM, MM, UPC and APC connections
- LightBeat™ flashes to indicate operation and battery status; powers off after five minutes of inactivity to preserve battery life (2xAAA, included)
- Two-year warranty



Applications



Check polarity and operation of patch cords.



Determine if a port is live. Small size makes it easy to access cramped patch panels.



Determine if a transceiver is operational. FiberLert can detect fiber signals without making contact.

Specifications

Feature	Description
OPERATING PRINCIPLE	Senses near infrared light emitted from fiber optic cabling. A continuous red glow at the handle and an audible beeping noise (if not switched off) indicates the presence of near infrared light.
OPTICAL INTERFACE	Non-contact ceramic ferrule. Fits directly with 1.25 mm LC receptacles. Tethered ferrule adapter for testing 1.25 mm ferrule patch cord. Supports single-mode, multimode, UPC and APC connectors and ports.
WAVELENGTH DETECTION	850 nm to 1625 nm
OPTICAL POWER DETECTION RANGE	+3 dBm to -30 dBm
LIGHT DETECTION	Visible steady red LED indicator when optical power is detected
LIGHTBEAT™ INDICATOR	Flashes twice every two seconds when unit is on and battery strength is sufficient.
BATTERY SAVER	Unit automatically turns off after five minutes of inactivity
BATTERIES	2 AAA alkaline batteries included
BATTERY LIFE	Typically, greater than 1 year (5 hrs. of use a week)
ITEM SIZE	2.87" x 1.42" x 10.27" / 7.4 x 3.6 x 26.1 cm
ITEM WEIGHT	2.1 oz / 59 g
OPERATING TEMPERATURE RANGE	-10 °C to 50 °C
OPERATING HUMIDITY RANGES	95 % (10 °C to 35 °C) Non-condensing 75 % (35 °C to 40 °C) Non-condensing uncontrolled < 10 °C
OPERATING ALTITUDE	≤ 3000 meters
STORAGE TEMPERATURE	-20 °C to 50 °C

Ordering Information

Model	Description
FiberLert™-125	FIBERLERT, 850 NM TO 1625 NM LIGHT DETECTOR

About Fluke Networks

Fluke Networks is the worldwide leader in certification, troubleshooting, and installation tools for professionals who maintain critical network cabling infrastructure. From installing the most advanced data centers to restoring service after a natural disaster, our combination of legendary reliability and unmatched performance ensure jobs are done efficiently. The flagship products include the innovative LinkWare™ Live, the world's leading cloud-connected cable certification solution, with over fourteen million results uploaded to date.

Descriptions, information, and viability of the information contained in this document are subject to change without notice.

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