



## VLF-275 Visible Laser Fault Locator

- Singlemode/Multimode
- Universal 2.5 mm Connector
- 40 Hour Battery Life (9V) Continuous
- Standard External Wall Mount Supply
- 650 nm Wavelength
- Holster with Tilt Stand

### Specifications

Output Power — — — —	0.5 - 1mW(single-mode) 1.0 - 2.0mW(multimode)
Wavelength — — — — —	650 nm +/- 5nm
Power Stability — — — —	+/- 5%
Battery — — — — —	9 V Alkaline (AC Adapter)
Battery Life — — — — —	100 hrs pulsed
Pulse Rate — — — — —	7 Hz
Duty Cycle — — — — —	0.33
Emission Indicator — — —	LED, on in sync with laser
Standard F/O Connector —	Universal 2.5 mm Ferrule
Size — — — — —	6.5" L x 3.25" W x 1.125" D
Weight — — — — —	7.5 oz.
Operating Temperature —	-10 to 50 C
Storage Temperature — —	-30 to 60 C



with boot

The VLF-275 Visible Laser Fault Locator is battery operated (& standard external wall mount power supply), stabilized, visible laser diode optical source with provision for coupling the laser output to a connectorized fiber. It is intended to allow the precise location of a break or severe microbend in a fiber or cable under test by viewing the emission of visible light at the fault.

The VLF-275 is a hand-held battery powered stabilized fiber optic laser source that emits visible (red) light at 650 nm. Its intended function is to allow an operator to identify the exact location of a break, microbend, or other discontinuity in a fiber optic cable. As the radiation is visible, light emanating from a break or microbend enables the user to locate the exact position of a fault even at very short distances that would not be detectable by conventional means such as an Optical Time-Domain Reflectometer, (OTDR). It is also useful for identifying a particular fiber in a cable by exciting the fiber to be located with visible radiation.

Terahertz Technologies Inc.  
169 Clear Road  
Oriskany, New York 13424  
Tel: (315) 736-3642  
Fax: (315) 736-4078  
[sales@terahertztechnologies.com](mailto:sales@terahertztechnologies.com)  
[www.terahertztechnologies.com](http://www.terahertztechnologies.com)