

LP-5650

Visual Fault Locator



The LP-5650 Visual Fault Locator is a handheld, visible laser source that emits a bright beam of 650 nm laser light into a fiber, allowing you to detect a fiber break to 5 kilometers away. The LP-5650 will easily distinguish a severe fiber bend or break in the initial deadzone of an OTDR. A red LED indicates when laser power is active. The LP-5650 has the option of using AC power or AA batteries (NiCD or alkaline).

Features and Benefits

- Lightweight
- CW and pulsed (2 kHz) light sources
- Single-mode or multimode fiber
- Cost effective fault finding solution
- Easily distinguishes fiber breaks within the initial deadzone of an OTDR

Optical Specifications

Emitter type	Laser Diode (Class II)
Wavelength	650 nm \pm 15 nm
Output power	<0 dBm (1 mW max. into 9 μ m single-mode fiber)
Modulation modes	Continuous Wave (CW), 2 kHz pulsed signal
Range	>5 km (single-mode fiber)
Standard connector style	Universal 2.5 mm
Power	AC charger adapter Battery (4 NiCDs or alkaline)
Temperature range	-10° to 40° C (14° to 104° F)
Fiber type	Multimode or single-mode
Dimensions (L x W x D)	15.7 x 7.8 x 4.1 cm (6.2 x 3.1 x 1.6 inches)

