



Specifications (at 23°C ±3°C, <70% RH)

Catalog number:	VFF5
Light source:	Class II laser diode
Central wavelength:	650nm/±10nm
Spectral width (FWHM):	<5nm
Laser light pulse duration:	Continuous in CW mode 600ms in 1Hz modulation mode
Environment:	Operation: -10°C to +50°C, 0 to 95%RH (non-condensing)
Storage:	-20°C to +80°C, 0 to 95%RH (non-condensing)
Power supply:	Two 1.5V AA Alkaline batteries
Dimension and weight (w/ batteries):	Length: 203mm with ST dust cap Diameter: 22mm Approximate weight: 230g
Connector:	2.5mm universal
Battery life:	>80 hours
Weight (w/o batteries):	0.30lbs/136g
Length:	8.7in/220mm
Diameter:	1.25in/32mm
Included Accessories:	Includes holster, integrated rubber port cover, lanyard, cell-phone style belt clip, instruction sheet and batteries

Specifications subject to change without notice.

A hand-held, battery-powered tool, the VFF projects a highly visible red light into a fiber optic cable. The operator simply looks at the length of cable and where light is seen, there is a break. The VFF is equipped with a high-power, extra long-life, 650nm laser diode which operates either in Continuous (CW) or Modulated (MOD; 1Hz Pulse) mode. A push button allows the user to select the mode while preventing accidental operation. Any breaks will be seen as a conspicuously glowing or blinking red light area (in 3mm or smaller cables). A red LED on the outer case echoes the operation mode selected.

The VFF is useful over a distance of approximately 3km (2.3mi) into multimode fiber and 4km (2.5mi) into single mode fiber and can be used with single-mode and multimode cable. Use it as a stand-alone first-line basic troubleshooting tool, or in conjunction with an OTDR to pinpoint faults. The unit is packaged in a pocket-sized, rugged metal housing and is fitted with 2.5 mm universal connector that accepts ST, SC and FC optical connectors. The VFF is also an excellent aide to technicians terminating mechanical splices or internal-splice style connectors where leaking light is an indicator of a poor fiber cleave or other misalignment.

Advanced fiber optic testing and troubleshooting capabilities are available with the FIBERTEK and TRACETEK accessory modules for the LANTEK 6/7G cable certifiers. FIBERTEK certifies fiber installations by measuring the attenuation and length of a pair of fibers simultaneously and generating printed certification reports. TRACETEK graphical display pinpoints faulty connectors and breaks in fiber optic cables at a fraction of the price of an OTDR.

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Title

VFF5 Visual Fault Finder

Part Number

93-100-960

Notes

1. Unless otherwise specified all dimensions are nominal
2. All specifications are subject to change without notice at any time
3. Dimensions are in millimeters