Fiber Optic Visual Fault Finder



Save time and money troubleshooting fiber

The Visual Fault Finder is a light source used to locate breaks, poor mechanical splices and damaged connectors in fiber optic cables.

It's perfect to verify continuity, test and find breaks in fiber links, locate pinched fiber strands in termination cabinets, or anywhere fiber optic cables are terminated and subject to mechanical damage.

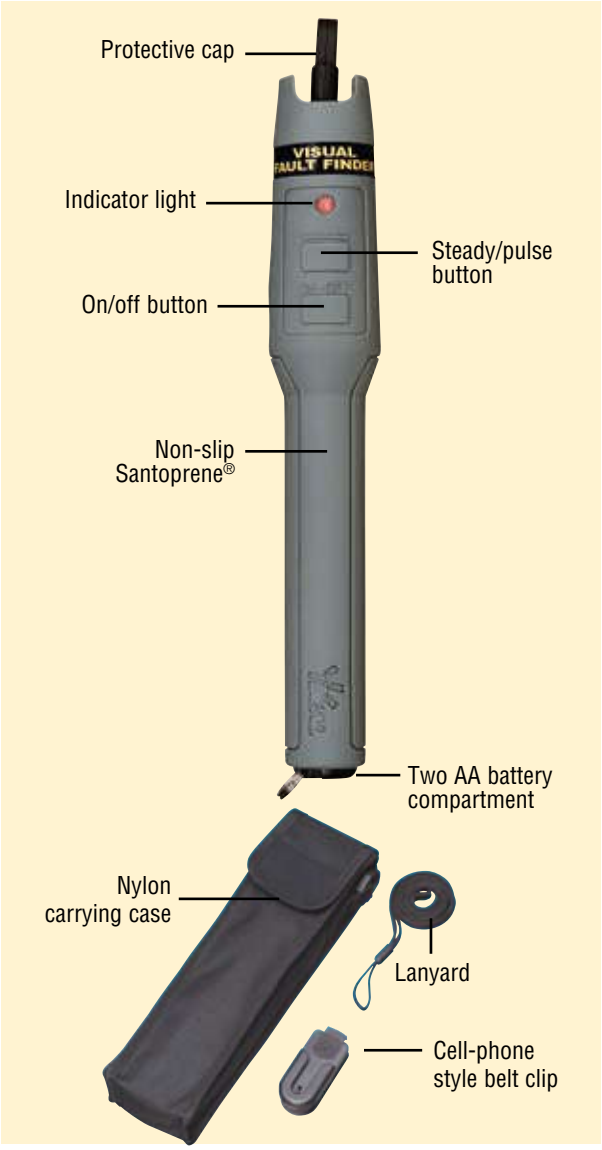
- Assists in the termination of "no-polish" connectors by indicating proper cleave alignment in connectors such as the MTRJ
- Universal 2.5mm interface connects directly to ST®, SC, and FC connectors
- Non-roll design – essential for bench top use when terminating mechanical splices or internal-splice connectors
- Rugged, metal body with protective Santoprene® over-sleeve

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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 5km (3.1mi) into multimode fiber and 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™ modules for the LANTEK® 6/7G as well as the LanTEK® II series cable certifiers. FIBERTEK™ certifies fiber installations by measuring the attenuation and length of a pair of fibers simultaneously and generating printed certification reports.



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.

Fiber Inspection Microscope – the perfect companion tool for the Visual Fault Finder



Other IDEAL Fiber Optic Products:	
Description	**Cat. No.**
Fiber Inspection Microscope	45-332
MiniLite-Strip Optical Fiber Stripper	45-352
Serrated Kevlar® Cutter	45-344
DualScribe™ Double-Ended Scribe Cushion grip and reversible blade offers extended life and comfort	45-357 Ruby 45-358 Sapphire 45-359 Carbide

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