



Save time
and money
troubleshooting
fibre.



Fibre Optic Visual Fault Finder

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

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

Key Features

- **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

For more information please call
(0)1925 428 380 or visit
www.trend-networks.com

Fibre Optic

Visual Fault Finder

A hand-held, battery-powered tool, the VFF projects a highly visible red light into a fibre 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 fibre and single mode fibre 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 fibre cleave or other misalignment.



| 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.



TREND NETWORKS

TREND NETWORKS
Stokenchurch House, Oxford Road, Stokenchurch,
High Wycombe, Buckinghamshire, HP14 3SX, UK.
Tel. +44 (0)1925 428 380 | Fax. +44 (0)1925 428 381
uksales@trend-networks.com

www.trend-networks.com



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