

Service the industry with high-performance & cost-effective solutions



PRODUCT DETAILS

The handheld Visual Fault Locator is an efficient and low-cost test tool, that provides a visual verification of identifying fibres & faults in an optical network during & after installation.

Benefits Include:

- Finding the breakpoint, poor connections, bending or cracking in optical cables & connectors.
- Identifying the faults in the OTDR dead zone.
- End-to-end visual fibre identification.

APPLICATION

- Fibre location and identification
- Fault location
- Maintenance in Telecommunications & CATV
- Fibre optic lab testing
- Other fibre optic measurements

STANDARD INCLUSIONS

- 180/0004 VFL
- Two AAA batteries
- User Manual and soft carrying case
- Adaptor for 2.5mm and 1.25mm ferrules

Note: Fault location distance will depend on the fibre sheath deployed and local light conditions. Typical 2mm buffered SM cord fault distance of 3.5km in internal lighting conditions.

FEATURES

- Constant and stable output power.
- Special laser driver circuit design, to make sure the laser output power remains a constant power level as long as the battery voltage is within range.
- Low battery warning, reminds users to change the battery.
- Long battery life (up to 40 hours with AAA batteries)
- Operates either in CW or Pulsed mode.
- Pocket size and light weight, easy to use.
- Meets AS/ NZS IEC 60825.1 2011 Class 2M requirements

SPECIFICATIONS

Type	180-004 VFL
Central Wavelength	650nm±10nm
Emitter Type	FP-LD
Output Power	5mw max as measured with AS/ NZS IEC 60825.1 2011
	As tested with IEC Method B: Figure 4, a maximum power level of 2-3 mw with the 7mm aperture stop and 70mm distance
Output Classification	Class 2M
Optical Connector	FC/2.5mm universal connector
	For 1.25mm connectors, FC (Male)-LC (Female)
Mechanical Stability	Hybrid Connector can be optional on customer requests
	Drop Tested from 1m 6 times with no adverse effects on VFL operation
Operation	Retested for optical limits and compliance
SM fibre location distance	6.0 Km
MM fibre location distance	4.0 Km
Operating Model	Both CW and Pulse(2Hz) available
Power Supply	Two AAA alkaline batteries
Battery Operating Time	40hoursTest with Panasonic LR6 AAA ALKALINE battery
Operating Temperature	--10~+60 (°C)
Storage Temperature	-25~+70 (°C)
Dimension (mm)	100*30*18
Weight	37g