

## Visual Fault Locator (Pen-type)

**Part Number:180/0070**

Pen type VFL is specially designed for field personnel who need an efficient and economical tool for fiber tracing, fiber routing and continuity checking in optical network. It includes: Finding the breakpoint, poor connections, bending or cracking in fiber optic cables. Finding the faults of OTDR dead zone End-to-end visual fiber identification



### Specification

TYPE	Pent Type - VFL (180/0070)
Central Wavelength	650nm±10nm (635nm can be required on request)
Emitter Type	FP-LD
Output Power	Optional choice for 1mw, 10mw, 15mw on actual needs
Optical Connector	<ul style="list-style-type: none"> <li>• 2.5mm universal connector</li> <li>• For 1.25mm connectors, FC (Male)-LC (Female) convertor can be optional on customer requests</li> </ul>
Operating Model	Both CW and Pulse available
Pulse Frequency	2~3Hz
Power Supply	2 AA alkaline batteries
Battery Operating Time	<ul style="list-style-type: none"> <li>• 650nm@1mw ≥65hour</li> <li>• 650nm@10mw≥15hour</li> </ul> Tested with Panasonic LR6 AA ALKALINE battery
Operating Temperature	-10~+45 (°C)
Storage Temperature	-40~+70 (°C)
Dimension (mm)	φ 15X180
Weight	120g (Without battery)

Please contact Diamond Optics at [info@diamond-fo.com.au](mailto:info@diamond-fo.com.au) for more options or specific requirements for your application.

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## Features

- 2.5mm universal connector, for 1.25mm connectors,FC (Male)-LC (Female) convertor can be provided on requests.
- Operates either in CW or Pulsed
- Constant output power
- Lower Battery warning
- Long battery life (up to 60 hours)
- Crash-proof and dust-proof design for laser head
- Laser case ground design prevents ESD damage
- Burning testing to ensure the reliability
- Portable and rugged, easy to use

## Standard Packages

Model	Includes
VFL Pen type – 180/0070	<ul style="list-style-type: none"><li>• Main Unit (Original color)</li><li>• 2pcs Alkaline battery</li><li>• User Manual</li><li>• Soft Carrying case</li></ul>

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