

Product Specification

Handheld Instruments

VISUAL FAULT LOCATOR (VFL)

ATVFL31005 Series



Overview

Atrian instruments are designed to provide high resolution and accuracy measurements. Rugged protection keeps connectors and borders safe from damage. Specially designed for field personnel who need an efficient tool for fiber tracing.

Key Features

- **Connectors type:** Universal 2.5 mm
- **Fiber optic wavelengths:** 650 nm
- **Output Power:** 1 mW or 10 mW
- **Case:** Aluminium
- **Main uses:**
 - 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
- Crash-proof and dust-proof design for laser head
- Laser case ground design prevents ESD damage

Technical Specifications

Parameters	Value
Wavelength	650 nm ± 10nm
Emitter Type	FP-LD
Output Power	Optional choice for 1mw, 10mw on actual needs
Optical Connector	2.5mm universal connector
Operating Model	CW and Pulse
Pulse Frequency	2~3Hz

Power Supply	2 x AA alkaline batteries
Functions	Lower battery warning
Battery Operating Time	650nm@1mw ≥ 65 hours 650nm@10mw ≥ 15 hours
Operating Temperature	-10°C ~ +45 °C
Storage Temperature	-40°C ~ +70 °C
Dimension	24.5 x 5.5 x 5.5 cm
Weight	0.25 Kg
Compliance	CE, EMC, EMI, ROHS
Included in Packaging	Main unit, manual, cotton swabs and soft Carrying case

Ordering Information

Part Number	Description
ATVFL31005P-1	Visual Fault Locator 1 mW – Professional
ATVFL31005P-10	Visual Fault Locator 10 mW– Professional
ATVFL31005A-1	Visual Fault Locator 1 mW – Standard
ATVFL31005A-10	Visual Fault Locator 10 mW– Standard

Warranty

ONE year of limited warranty for products sold directly by Atrian Technologies, unless special agreements have been set. Warranty period start from the ship date and will be only valid for the original customer who bought the product. If you have purchased the product from a reseller you must contact him directly. RMA Form and full warranty details are available on our website.