

FVFL-204 Pen Shape Visual Fault Locator

FVFL-204



Overview

FVFL-204 Pen Shape Visual Fault Locator is a compact but powerful fiber optical cable test tool, with an output power up to 1mW, which can be used to locate sharp bends & breaks in jacket or bare fiber within 5km. It can also be applied to identify the connectors in patch panels and identify the fibers during splicing operation. The choice of a continuous wave output mode for steady fault illumination or a flashing output mode makes for easier fault location.

Benefits

- Compact and Intelligent Inspection with Pen Shape Design
- Three-phase Switch to Control the Status
- Dual-modes for Your Inspection
- Bright Red Laser at 650nm with Little Divergence
- Fast Locate the Broken Point
- Rugged and Waterproof Design
- Class IIIa FDA Laser Safety
- CE Qualified

Technical Specification

Characteristics	FVFL-204
Output Power	1-5mW
Dynamic Distance	<5km
Wavelength	650nm±20nm
Housing Material	Metal
Operation Mode	Pulsed (2Hz) and CW
Connector	2.5mm UPP (or customize1.25mm UPP)
Laser Safety Rating	Class IIIa
Emitter Type	Laser Diode
Operation Temperature	0°C to +60°C
Storage Temperature	-20°C to +70°C
Dimensions (H*W*D)	175x26x26mm
Weight	75g
Battery Type	2 x AA
Battery Life	≥ 18 hours

Notes

- 1. Tested by F1205H 650nm optical power meter.
- 2. Human eyes Min.sensitivity-120dBm, and 10dB/km loss of 650nm in fiber.
- 3. Battery is not included.

Order Information

Part Number	Description
FVFL-204	1mW (5km) FVFL-204 Pen Shape Visual Fault Locator with Standard 2.5mm Universal Adapter
FVFL-301	10mW (12Km) FVFL-301 Mini Visual Fault Locator with Standard 2.5mm Universal Adapter
FVFL-302	20mW (14.2Km) FVFL-302 Mini Visual Fault Locator with Standard 2.5mm Universal Adapter
FVFL-303	30mW (15Km) FVFL-303 Mini Visual Fault Locator with Standard 2.5mm Universal Adapter
AD-FVFLA	2.5mm to 1.25mm Fiber Optical Adapter for Visual Fault Locator