

Visual Fault Locator VFL-UP301, VFL-UP310

INTRODUCTION

Visual fault locators are designed for field personnel who need an easy and inexpensive tool for fiber tracing, fiber routing and checking for continuity in an optical networks during installation and maintenance.

This essential tool is a visible red laser designed to inject visible light into a fiber. Sharp bends, breaks, faulty connectors and other faults will “leak” red light allowing technicians to visually spot the defects. Device is ideal for locating a large number of defects that occur at connection points in and around fiber cabinets which are hidden in an OTDRs “blind-spot” or dead-zone. Can be used for both single mode and multimode fibers with various connector styles.

Universal connector accepts all 2,5mm ferrule connectors such as FC, SC, ST, E2000 (PC and APC). An optional adaptor for 1,25mm ferrule (LC connector) is available.

FEATURES

- ✦ Portable and rugged, easy to use
- ✦ 2.5mm universal connector
- ✦ Operates either in CW or blink mode
- ✦ Blink mode improves visibility of fiber faults
- ✦ Slide switch with work mode indicator
- ✦ Constant output power
- ✦ Low battery warning
- ✦ Long battery life (up to 60 hours)
- ✦ Conforms to CE standards including EMC, EMI, ROHS
- ✦ Comes with carry case



SPECIFICATIONS

Model	VFL-UP301	VFL-UP310
Wavelength [nm]	650nm ±10nm	
Emitter type	FP-LD	
Work mode	CW or blink mode (1Hz)	
Power output [dBm]	0dBm (1mW)	+10dBm (10mW)
Estimated range	2-3km over MM fiber 4-6km over SM fiber	up to 5km over MM fiber up to 10km over SM fiber
Optical connectors	2,5mm universal connector /FC, SC, ST, E2000 (PC & APC)/ adaptor head with cap optional adaptor for 1,25mm ferrule LC connectors	
Battery operating time [h]	60	15
Operating temp. [°C]	0~+40	
Storage temp. [°C]	-20~+70	
Dimensions [mm]	173mm x φ 23mm	
Weight [g]	90 (without batteries)	

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