

# VISUAL FAULT LOCATOR (VFL)

## DESCRIPTION

VFL Series Visual Fault Locators are easy-to-use, low cost, compact and powerful red laser source designed for trouble-shooting fiber-optic cable up to 15km. They are used to identify faults in fiber jumper cable, ODF, patch panels, splice trays and as such it is the ideal tool for fault identification in the fiber network installation.

## FEATURES

- 2.5mm universal adapter
- Small, portable and durable
- 3 launching power is available (1mW, 10mW and 30mW)
- Integrated with continuous wave and 2Hz modulated wave output function
- Auto Power Off function

## APPLICATIONS

- Identify faults in breaks, tight bend fiber-optic jumper cables, distribution frames and patch panels
- Detect defective/poorly-mated connectors, poor fusion splice and major surface quality problems caused by scratches
- Ensures end-to-end fiber continuity along long-distance range
- Identifies connectors in patch panels
- Identifies fibers during splicing operations



## SPECIFICATIONS

Model	VFL-0105	VFL-1012	VFL-3015
Laser Safety Level	CLASS I	CLASS IIIB	CLASS IIIB
Output Power (mW)	≥1	≥10	≥30
Working Range (km)	5 (Typical)	12 (Typical)	15 (Typical)
CW Mode Battery Life (hours)	23 (Typical)	6 (Typical)	2.5 (Typical)
2Hz Mode Battery Life (hours)	23 (Typical)	12 (Typical)	6 (Typical)
Laser Type	LD		
Optical Connector	2.5 mm Universal Adapter (SC/FC/ST//E2000/SMA)		
Output Wavelength (nm)	650 ± 10		
Modulation Frequency	CW / 2Hz		
Auto Power Off	Yes		
Power Supply	AAA Battery x 2 pcs		
Working Temperature (°C)	-10 to + 50 @ ≤90%RH		
Storage Temperature (°C)	-20 to + 70 @ ≤90%RH		
Accessories	AAA Battery x 2 pcs, user manual and packing case		
Dimension (mm)	120L x 33W x 30H		
Weight (g)	67.8		

## ORDERING INFORMATION

Part Number	Descriptions
VFL-0105	Visual Fault Locator, ≥1mW, ~5km
VFL-1012	Visual Fault Locator, ≥10mW, ~12km
VFL-3015	Visual Fault Locator, ≥30mW, ~15km

Note : Specifications are subject to change without notice