

CABLEMASTER VFL



Manual Visual Fault Locator CableMaster VFL

Introduction

This visual laser source has ergonomic design. Small in size, easy to operate portable and integrated with a launching indicator.

CableMaster VFL is usually used to inspect the damaged or broken point of a optical fiber, cable, patchcord and etc.. If the inspected fiber does have a defect, user could find the visual laser at the broken or damaged point.

CableMaster VFL visual laser is suitable for both single mode and multiple mode fibers.



Features

- Ergonomic design, rugged, portable and stable performance
- 2.5mm universal interface with 2.5 to 1.25mm Adapter
- High laser power detecting range up to 5km
- Integrated with continuous wave and 2Hz modulated wave launching mode

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| No. | Function | Description |
|-----|----------------------|---|
| 1 | VFL | Long press($\geq 2s$)to turn on/off the power |
| 2 | | Switch between CW and 2Hz mode |
| 3 | LED | Status indicator CW/2Hz |
| 4 | Interface | 2.5mm universal interface |
| 5 | Dust Cap | Resist dust for interface |
| 6 | Battery Compartments | Install with 2*AAA batteries |

Specifications

CableMaster VFL

| | | |
|--------------------------|---|--|
| Laser Level | ① | CLASS 2 |
| Output Power | ② | $\leq 1mW$ |
| Detection Range | ③ | Bis zu 5 km |
| Working Hour of CW mode | ④ | ~ 13 hours |
| Working Hour of 2Hz mode | ④ | ~ 23 hours |
| Laser Type | | LD |
| Connector | | Universal 2,5mm with Adapter 2,5/1,25mm plus FC Screwing |
| Wavelength | | 650 nm |
| Modulation Frequency | | CW / 2 Hz |
| Power Supply | | 2 x AAA Batteries |
| Working Temp | | 0°C - +40°C; <90% RH |
| Storage Temp | | -20°C - +70°C; <90% RH |
| Accessories | | 2 x AAA Batteries, QR-Code Card, Carrying Pouch, Adapter 2,5/1,25mm, Adapter FC Screwing |
| Dimension | | 120L x 33W x 30H (mm) |
| Weight | | 68 g |

① It is strictly prohibited to direct the human eye and please take precautions to avoid static electricity releasing.

② The output power is figured out by multiple mode optical fiber at 23°C \pm 3°C.

③ Detecting range will be different with different fibers.

④ Working hours is figured out by 2*AAA batteries at 23°C \pm 3°C, it will be a little different by using different AAA batteries.