User's Guide to the PROLITE-11B

Visual Fault Locator

PROMAX

v1.0

0 DG0178 (30-09-2014)

Description

This visual fault locator has ergonomic design, small in size, easy to operate, portable and integrated with a launching indicator

Visual laser 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.

PROLITE-11B visual fault locator is suitable for both single mode and multiple moder fibers. The performance of the visual source will act a little different with different fiber coat and color.

Features

- Ergonomic design, rugged, portable and stable performance.
- 2.5mm universal interface can be applied to almost any type of adaptor.
- High laser power detecting range up to 15 km.
- Integrated with continuous wave and 2Hz modulated wave launching mode.
- Interchangeable ceramic ferrule.
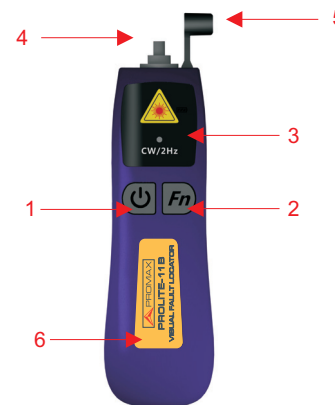

Specifications

Model	PROLITE-11B
Laser Level	CLASS IIIA
Output Power	1 mW
Detecting Range	About 5 km
Working Hours of CW mode	About 13 hours
Working Hours of 2Hz mode	About 23 hours
Laser Type	LD
Connector	Un / FC (optional)
Wavelength	650 nm
Modulation Frequency	CW / 2 Hz
Power Supply	2 * AAA batteries
Working Temperature	0 °C ~ + 40° C; <90% RH
Storage Temperature	-20 °C ~ +70 °C; <90% RH
Accessories	2 * AAA batteries, Guide, carrying case
Dimension/Weight	L 120 mm * W33 mm * H 30 mm / About 67.8 g

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

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

Detecting range will be different with different fibers.

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

Control Panel

Num.	Icon	Description
1	⏻	Long press (≥ 2 s) to turn on / off the power.
2	Fn	Switch between CW and 2 Hz mode.
3	LED	Status indicator CW / 2 Hz.
4	Interface	2.5 mm universal interface.
5	Dust Cap	Resist dust for interface.
6	Battery Compartments	Install with 2 * AAA batteries.