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## VLS-8 Series Mini Visual Laser Source



Fig.1: VLS-8 Series Mini Visual Laser Source

### Description:

VLS-8 Series Mini Visual Laser Source totally complies with the human engineering. It's small in size, easy to operate, portable and integrated with a launching indicator. A Visual Laser Source 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. VLS-8 Series Mini Visual Laser Source is suitable for both single mode and multimode fibers. The performance of the visual laser source will act a little different on different fiber coat and color.

### Features:

1. Totally comply with the human engineering design. Small, portable and durable
  2. Standard multi-adaptor can be applied to connect with almost any adaptor type. Also provides interchangeable fiber adaptors of several common types
  3. Higher output laser power, max 15km detecting range
  4. Integrated with continuous wave and 2Hz modulated wave output function
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**Specification:**

| Model  | VLS-8-1                            | VLS-8-10       | VLS-8-15       | VLS-8-30      |
|--|------------------------------------|----------------|----------------|---------------|
| Laser Launcher Level①  | CLASS IIIA                         | CLASS IIIB     | CLASS IIIB     | CLASS IIIB    |
| Output Power②  | ≥1mW                               | ≥10mW          | ≥15mW          | ≥30mW         |
| Detecting Range③   | About 5km                          | About 12Km     | About 14km     | About 15km    |
| CW Mode Battery Life④  | About 13 hours                     | About 6 hours  | About 5 hours  | About 3 hours |
| 2Hz Mode Battery Life④                                       | About 23 hours                     | About 12 hours | About 10 hours | About 6 hours |
| Laser Launcher Type  | LD                                 |                |                |               |
| Optical Connector  | universal 2.5mm adapter (FC/SC/ST) |                |                |               |
| Output Wavelength  | 650nm±10nm                         |                |                |               |
| Modulation Frequency   | CW / 2Hz                           |                |                |               |
| Power  | 2*AAA dry batteries                |                |                |               |
| Working Temperature  | -10℃~+50℃; <90%RH                  |                |                |               |
| Storage Temperature  | -20℃~+70℃; <90%RH                  |                |                |               |
| Dimension & Weight   | L120mm×W33mm×H30mm / about 67.8g   |                |                |               |
| <b>Standard Accessories:</b>                                 |                                    |                |                |               |
| 2*AAA batteries, carrying bag, user manual                   |                                    |                |                |               |
| <b>Optional Accessories:</b>                                 |                                    |                |                |               |
| Male FC to female LC adapter for LC connector (model: HD078) |                                    |                |                |               |

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

②The output power is figured out by multi-mode optical fiber at 23℃±3℃.

③Detecting range will be different with different fibers.

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