

VLS-20 Visible Laser Source

VLP-5/10 Visible Laser Pen

VLS-20 & VLP-5/10 are visual fault locating tools for detecting and highlighting breaks, tight bends, splices or defective connectors on optic fibers. They are perfect complementary and handy tools to OTDR for their visualized detecting method in close range like OTDR deadzone and high-fiber-count environment.

VLS-20 Visible Laser Source

Features

- ◆ Handheld
- ◆ No warm-up
- ◆ Laser emitter protection for long time use
- ◆ Output mode: CW/ MOD tones
- ◆ Max detecting range: 13Km (VLS-20C)
- ◆ Lightweight and solid (1m drop test)
- ◆ CE, FCC, FDA certificates



VLP-5 Visible Laser Pen

Features

- ◆ Pen-size & lightweight
- ◆ No warm-up, fast start-up
- ◆ Max detecting range $\geq 10\text{km}$
- ◆ Operation mode: CW/MOD
- ◆ $\pm 15\text{KV}$ ESD protection



VLP-10 Visible Laser Pen

Features

- ◆ Pen-size & lightweight
- ◆ No warm-up, fast start-up
- ◆ Max detecting range $\geq 13\text{km}$
- ◆ Operation mode: CW/MOD
- ◆ Solid: Dust-shock proof



Specifications

| Model | VLS-20A | VLS-20B | VLS-20C |
|----------------------------------|---|----------|-----------|
| Emitter Type | FP-LD | | |
| Wavelength ($\pm 20\text{nm}$) | 650 | | |
| Output Power (dBm) | ≥ -3 | ≥ 3 | ≥ 10 |
| Detecting Range | 5Km | 10Km | 13Km |
| Operation Mode | CW/1Hz MOD | | |
| Display | LED | | |
| Fiber Type | Multimode/Singlemode fiber | | |
| Connector | FC/PC(Interchangeable SC,ST) | | |
| Power Supply | 9V Alkaline Battery(450mAh) / Optional AC Adapter | | |
| Battery Life | ≥ 20 hours | | |
| Weight | 270g (0.59 lbs) | | |
| Dimensions (H×W×T) | 145×75×25mm (5.7×2.9×1 inch) | | |

| Model | VLP-5A | VLP-5B | VLP-10A | VLP-10C |
|----------------------|--|--------|------------------------------|---------------------|
| Laser Type | FP-LD | | | |
| Center Wavelength | 650nm $\pm 10\text{nm}$ | | | |
| Output Power | 0dBm | 7dBm | $\geq -3\text{dBm}$ | $\geq 10\text{dBm}$ |
| Working Range | 5Km | 10Km | 5Km | 13Km |
| Work Mode | CW or Modulated | | | |
| Output Connector | 2.5mm universal adapter; optional 1.25mm adapter | | 2.5mm Universal (SC, ST, FC) | |
| Modulation Frequency | 2~3Hz | | | |
| Power Supply | 2AA Batteries | | 1.5V AAA Alkaline Battery ×2 | |
| Battery Life | VLP-5A: ≥ 65 hours. VLP-5B: ≥ 50 hours | | ≥ 40 hours | |
| Working Temperature | $-10 \sim 50^\circ\text{C}$ | | | |
| Storage Temperature | $-40 \sim 70^\circ\text{C}$ | | $-20 \sim 70^\circ\text{C}$ | |
| Relative Humidity | 0 ~ 95% (Non-condensing) | | | |
| Weight | 120g (excluding battery) | | 88g (excluding battery) | |
| Size | 180× $\Phi 15\text{mm}$ | | 170× $\Phi 13.5\text{mm}$ | |

* Specifications subject to change without notice

- Options:** 1. AC-VLP-5-CA 2.5mm to 1.25mm universal connector adaptor (LC/MU) for VLP-5
 2. AC-VLP-10-CA 2.5mm to 1.25mm universal connector adaptor (LC/MU)for VLP-10

