

## VLS-20 Visible Laser Source

## VLP-5 Visible Laser Pen

VLS-20 & VLP-5 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



VLS-20

### VLP-5 Visible Laser Pen

#### Features

- ◆ Pen-size & lightweight
- ◆ No warm-up, fast start-up
- ◆ Max detecting range  $\geq 10$ km
- ◆ Operation mode: CW/MOD
- ◆  $\pm 8$ KV ESD protection
- ◆ CE certificates
- ◆ Solid: Dust-shock proof



VLP-5

## Specifications

Model	VLS-20A	VLS-20B	VLS-20C
Emitter Type	FP-LD		
Wavelength( $\pm 20\text{nm}$ )	650		
Output Power(dBm)	$\geq -3$	$\geq 3$	$\geq 10$
Detecting Range	5Km	10Km	13Km
MOD Tones	1Hz		
Display	LED		
Optical Port	FC/PC (Interchangeable SC, ST)		
Fiber Type	Multimode/Singlemode fiber		
Power Supply	9V Alkaline (450mAh)/ Optional AC Adaptor		
Battery Life	$\geq 20$ hours		
Operating Temperature	$-10 \sim 50^{\circ}\text{C}$		
Storage Temperature	$-20 \sim 70^{\circ}\text{C}$		
Relative Humidity	0 ~ 95% (Non-condensing)		
Weight	270g		
Dimensions (HxWxT)	145x75x25mm		

Model	VLP-5A	VLP-5B
Output Power	0dBm	10dBm
Detecting Range	5Km	10Km
Laser Type	FP-LD	
Wavelength	650nm $\pm 10\text{nm}$	
Work Mode	CW or Modulated	
Output Connector	2.5mm universal adapter (SC, ST, FC); optional 1.25mm adapter	
Modulation Frequency	2~3Hz	
Power Supply	1.5V A Alkaline Battery x2	
Battery Life	$\geq 50$ hours	$\geq 40$ hours
Working Temperature	$-10 \sim 45^{\circ}\text{C}$	
Storage Temperature	$-40 \sim 70^{\circ}\text{C}$	
Relative Humidity	0 ~ 95% (Non-condensing)	
Weight	120g (excluding battery)	
Size	180x $\Phi 15\text{mm}$	

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



