

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 ≥ 10 km
- ◆ Operation mode: CW/MOD
- ◆ ± 15 KV ESD protection



VLP-10 Visible Laser Pen

Features

- ◆ Pen-size & lightweight
- ◆ No warm-up, fast start-up
- ◆ Max detecting range ≥ 13 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 10nm			
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 \times 2	
Battery Life	VLP-5A: ≥ 65 hours. VLP-5B: ≥ 50 hours		≥ 40 hours	
Working Temperature	-10 ~ 50°C			
Storage Temperature	-40 ~70°C		-20 ~70°C	
Relative Humidity	0 ~ 95% (Non-condensing)			
Weight	120g (excluding battery)		88g (excluding battery)	
Size	180× Φ 15mm		170× Φ 13.5mm	

* 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

