

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

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

Specification

Part Number	Description
VLS-8-1	Visual laser source, output power 1mW, about 5km
VLS-8-10	Visual laser source, output power $\geq 10\text{mW}$, about 12km
VLS-8-15	Visual laser source, output power $\geq 15\text{mW}$, about 14km
VLS-8-30	V visual laser source, output power $\geq 30\text{mW}$, about 15km

Technical parameter

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	$\geq 1\text{mW}$	$\geq 10\text{mW}$	$\geq 15\text{mW}$	$\geq 30\text{mW}$
Detecting range③	about 5km	about 12km	about 14km	about 15km
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			
Modulation frequency	CW / 2Hz			
Power	2*AAA dry batteries			
Working temperature	$0^{\circ}\text{C} \sim +40^{\circ}\text{C}$; <90%RH			
Storage temperature	$-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$; <90%RH			
Accessories	2*AAA battery, user manual, packing case			
Dimension & Size	L120mm×W33mm×H30mm / about 67.8g			

Standard Accessories

2*AAA batteries, carrying bag, user manual

Optional Accessories

Male FC to female LC adapter for LC connector (model: HD078)

Note: ① It is strictly prohibited to direct the human eye and please take precautions to avoid static electricity releasing
 ② The output power is figured out by testing multiple mode optical fiber in $23^{\circ}\text{C} \pm 3^{\circ}\text{C}$
 ③ The testing range will be different in different fibers
 ④ The battery life is figured out by testing two new AAA battery in $23^{\circ}\text{C} \pm 3^{\circ}\text{C}$. The battery life will be a little different by using different AAA battery.