

**Features:****VLS-4 Series**

The VLS is compact but powerful visible red laser source designed to locate the sharp bends and breaks in jacketed or bare fibers, as well as poorly mated connectors. With a working distance up to 10 KM, the VLS is an excellent compliment to OTDR. Other applications include end-to-end continuity checks, identifying connectors in patch panels, and identifying fibers during splicing operations.

**Specifications:**

Model	VLS-4A	VLS-4
Operating wavelength	650nm ±10nm	
Output Power	>1 mW	>7 mW
Battery Life (Hour)	10 @ 2Hz 10 @ 2Hz	
Modulated Frequency <sup>①</sup>	2 Hz	
Power Supply	2 * AA batteries	
Operating Temperature <sup>①</sup>	-10~+50°C	
Storage Temperature	-20~+70°C	
Relative Humidity	<90% (Non-condensing)	
Dimensions (mm)	130L*69W*22H	
Weight	165g	

Note: <sup>①</sup> Valid at 1550nm, CW, 23±3°C, Relative Humidity ≤70%, with an FC connector.

**Standard Accessories:**

FC/PC connector (other types optional), Carrying Case, User Guide Manual, Battery, Test Report

*Torch Type***VLS-5 Series**

The VLS-5 is compact but powerful visible fault locator designed to troubleshoot on fiber optic cables. Light generated by these units will escape from sharp bends and breaks in jacketed or bare fibers, as well as poorly mated connectors. Thus they can identify faults in fiber optic jumper cables, distribution frames, patch panels, and splice trays.

The VLS-5 locates faults visually by creating a bright red glow at the exact location of the fault on singlemode or multimode fibers. The VLS-5 is powered by three 1.5V AAA batteries.

**Specifications:**

Model	VLS-5A	VLS-5B
Emitter Type	LD	
Wavelength	650 ±10nm	
Output Power <sup>①</sup>	>7 mW	>1mW
Modulated Frequency	2 Hz	
Fiber Type	Multi mode fiber	
Power Supply	1.5V AAA Battery * 3 pcs	
Operating Temperature	-10°C to 50°C	
Storage Temperature	-20°C to 70°C	
Relative Humidity	<90% (non-condensing)	
Dimension (mm)	27(D) * 150 (L)	
Weight	150 g (including batteries)	

Note: <sup>①</sup> Valid at 1550nm, CW, 23±3°C, Relative Humidity ≤70%, with an FC connector.

**Standard Accessories:**

FC/PC connector (other types optional), Carrying Case, Manual, and Battery



Grandway Distributor:



**MCS Test Equipment Ltd**  
Unit 5-6 Station Yard,  
Llanrwst, Conwy,  
North Wales,  
LL26 0EH

Tel: 08453 62 63 65  
Fax: 08453 62 36 16

Email: sales@mcs-testequipment.co.uk  
Web: www.mcs-testequipment.co.uk