

VLS8

Visible Light Source for fibre fault detection



The VLS8 series visible laser source is the first tool to add to any fibre optic tool bag. Nothing can find a fibre fault that is close by better than a visible light source. The VLS8, with its small size and long battery life, make this the ideal visible source to fault find patch cords, pigtails and connectors when an OTDR is unable to find a fault that is too close to the source.

The VLS8 is suitable for both singlemode and multimode fibres and can be operated with a continuous beam or flashing at 2Hz for improved detection at long range.



Visible sources finds stresses and cracks in fibres



Visible Light Source highlights stress in a fibre

VLS8 Series Specifications				
Model	VLS8-1	VLS8-10	VLS8-15	VLS8-30
Laser launch Level	Class 111A	Class 111B	Class 111B	Class 111B
Output Power	>1mW	>10mW	>15mW	>30mW
Approximate Range in Singlemode fibre	5km	12km	14km	15km
Battery Life	23 hours	12 hours	10 hours	6 hours

VLS8 General Specification

Wavelength	650 +/- 10nm	Key wavelengths in modern transmission systems these can be detected by the meter which will automatically switch wavelength to match
Emitter Type	Laser Diode	
Optical Connector	2.5 mm universal	Suitable for FC,SC,ST, E2000 Also available is a 2.5mm to 1.25mm adapter for connection to LC, MU type connectors An adapter for SMA connectors and an adapter for Plastic Optical Fibres
Modulation	CW & 2Hz	
Power	2 x AAA batteries	
Operating Temperature	-10 to +50 degrees Celsius <90% RH	
Size & Weight	120mm x 33mm x 30mm 68 grams	
Supplied Accessories	2 x AAA batteries, manual, carrying pouch	
Optional Accessories	2.5mm to 1.25mm adapter SMA adapter Plastic Optical Fibre Adapter	Part No (VFL-650-ADPT-21) Part No (VFL-650-ADPT-SMA) Part No (VFL-650-ADPT-POF)