

TECHNICAL DATA SHEET



VLS35 Visible Laser Source

The KD Optics VLS35 is a small, easy to use, hand-held visible light source used for testing fibre optic cable installations. It is especially useful when testing fibre optic cables close to the terminal equipment. The unit is cigarette packet sized with a long battery life, making it ideal for local fault finding and continuity checking of singlemode fibres.

Wavelength

The output wavelength is 635nm, which is approximately nine times brighter than other units operating at 670nm, which means a break or loss is much easier to see, the light can even pass through jacketed cables containing kevlar.



635nm Visible Laser

Pigtailed output

**9V alkaline battery gives approx.
30 hours life (flash mode)**

Low cost

Fibre continuity testing

Local fault finding around the ODF

Visual alignment of mechanical splices

**Visual location of faults in patch panels,
splice trays etc.**

VLS35 Visible Laser specifications

	VLS35 Visible Laser
Source Type	Laser
Wavelength	635nm typical
Output power level	Nom. 0dBm, (9/125)
Fibre type	Singlemode or multimode
Output	Continuous or flash at 2Hz
Battery type	Alkaline PP3
Battery life	20 hours approx. (Continuous, alkaline battery)
Optical Connector	Fixed FC/PC standard, others to order.
Safety	Class 2
Temperature range	0 - 50°C
Dimensions	105 x 60 x 25mm

VLS35 Visible Laser ordering information

VLS35X 635nm Visible Laser Source
Add 'X' for the output connector required

e.g. VLS35PC specifies a VLS35 with an FC/PC output connector.

VLS35 Visible Laser Standard accessories

Carrying pouch
Manual
One year warranty

VLS35 Visible Laser Optional accessories

Bare fibre adapter
Test cables

Other Products available from KD Optics:

Single and Multimode Power meters
Laser and LED sources
Loss Test Sets
Optical attenuators
Optical Talk sets
Cooled laser sources
Optical data logging and Device alignment test sets
Thermo Electric Cooler (TEC) controllers

Manufactured in the UK by:
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