

TECHNICAL DATA SHEET

VLS40 Visible Laser Source



The KD Optics VLS-40 is an easy to use, hand-held, visible 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 pocket sized with a long battery life, making it ideal for local fault finding and continuity checking of 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 will even pass through jacketed cables containing kevlar.



VLS40 Visible Light Source

635nm Visible Laser

Small compact hand held unit

Exceptionally long battery life using rechargeable NimH cells

Eliminates the need for an OTDR in many cases

Singlemode or multimode

Local fault finding around the ODF where an OTDR has no response

Fibre continuity testing

Visual alignment of mechanical splices

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

Rugged, unlike many "pen style" types

VLS40 Visible Laser Specifications

	VLS40 Visible laser source
Source Type	Laser
Wavelength	635nm typical
Output power level	Max. 0.85mW, (9/125)
Fibre type	Singlemode or multimode
Output	Continuous or Flash at 2Hz
Battery type	2 x AA rechargeable NiMh (supplied) or Alkaline cells
Battery life	50 hours approx. continuous (Alkaline) 80 hours approx. in flash mode (Alkaline)
Power requirements	Charger will operate the unit when batteries are flat and charge NiMh cells when fitted (Supplied)
Optical Connector	Fixed FC/PC, ST, SC, Diamond etc.
Safety	Class 2
Temperature range	0 - 50°C
Dimensions	152 x 83 x 33mm

VLS40 Ordering information

VLS40X 635nm Visible light source

e.g. VLS40PC specifies a VLS40 with an FC/PC output connector.

VLS40 Standard accessories

Manual, Carrying pouch, AC charger
One year warranty

VLS40 Optional accessories

Spare AC charger
Bare fibre adapter
Test cables
Small carry case for 2 instruments and accessories
Large carry case for 3 instruments and accessories

Other Products 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
OTDRs, Fusion splicers

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