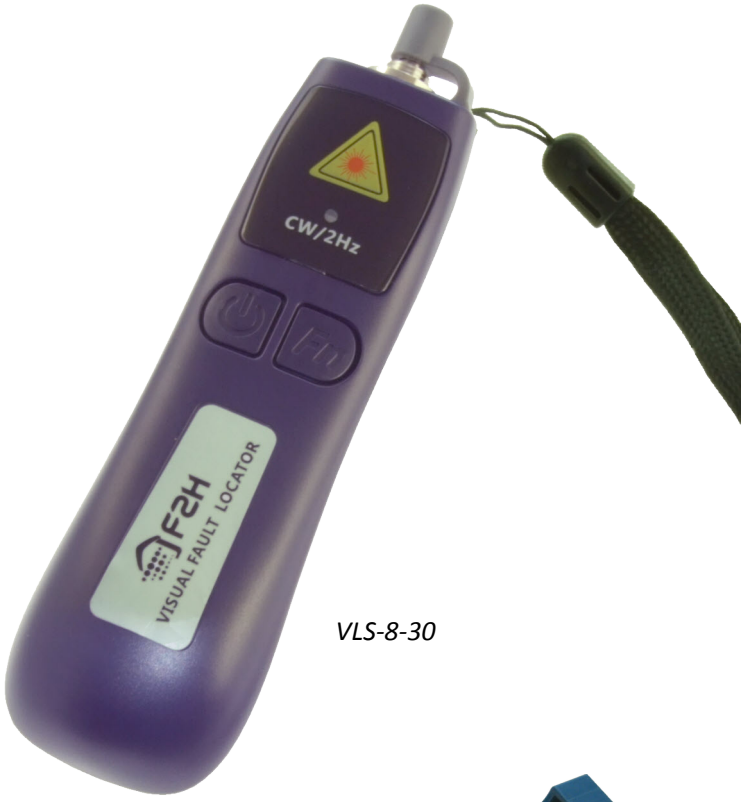
Visual Fault Locator VLS-8-30

Overview

VLS-8-30 is new, powerful, mini visual laser source for fiber fault locating. It has attractive design and small size and it is easy to operate.

Visual fault locator is typically used to inspect damaged or broken point of an optical fiber, cable or patch cord. The leaking red light from the damage reveals the faulty spot. Another way of using VLS-8-30 is to identify individual fibers from other fibers for example at ODF.



VLS-8-30

Main functions and features

VLS-8-30 is the most powerful version of the VLS-8 family of laser sources. It has 30mW optical power, which enables operating distance up to 18km depending on conditions. Light can be continuous or 2Hz modulated.

VLS-8-30 is suitable for both single mode and multi mode fibers and the standard multi-adapter output can be connected to most 2.5mm fiber connectors.

With and FC/LC-adapter (accessory) VLS-8-30 can be used also with LC-pacth cords. Integrated rubber cap protects the output.

FC/LC-VLS-adapter (accessory)

Models and Specifications

Specification / Model	VLS-8-1	VLS-8-10	VLS-8-15	VLS-8-30
Laser class	Class IIIA	Class IIIB	Class IIIB	Class IIIB
Output power	≥ 1mW	≥ 10mW	≥ 15mW	≥ 30mW
Operating range	approx. 5km	approx. 12km	approx. 14km	over 15km
Battery life	approx. 23h	approx. 12h	approx. 10h	approx. 6h
Laser type	Laser diode			
Optical connector	2.5mm universal			
Wave length	650nm ± 10nm			
Modulations	Continuous / 2Hz			
Batteries	2 x AAA (LR03)			
Operating temperature	-10°C - +50°C (relative humidity <90%)			
Storage temperature	-20°C - +70°C (relative humidity <90%)			
Standard setup	VLS-8-30 laser source, universal 2.5mm adapter, AAA batteries (2 pcs), carrying bag, user manual			
Accessories	FC/LC-VLS-adapter			
Dimensions	120mm × 33mm × 30mm, weight approx. 70g			

Vesala Trading products branch covers affordable and hi-quality test equipment, accessories and tools imported by H. Vesala Ltd especially for fiber working.

Sales:

H.VESALA Ltd.

Peräsimentie 1
FI-03100 NUMMELA, FINLAND

Tel. +358 44 200 2005
info@vesala.fi www.vesala.fi