

VFL Pen 650nm,2.5mm,Pulsed & CW, Focused 1.7mW laser

The KI 63XX visual fault locator is a small, high quality and very low skill fibre cable tester. It has only one button, and an operating range of a few km.

Visible light is injected into the fibre under test, and can be seen from a fibre end, or through most 3 mm cable types at a break or loss point.

This pen meets Class 1 safety standards (IEC IEC60825 2011) for total emitted power, so does not need any special safety

- Very simple and compact
- 2 x AAA batteries
- Captive dust cap
- Pen -style retaining clip
- Recessed button
- 2.5 mm universal connector
- Selectable Pulsed / CW
- Class 1 eye safety, 2011 IEC standards
- Needs no special eye safety procedures
- Durable construction
- 12 month warranty



OPTICAL SPECIFICATIONS

Parameters	Value
Wavelength	655 ± 5 nm
Output power ² (typical)	1479 µW / 1.7 dBm @ uncoupled
	1259 µW / 1.0 dBm @ 50/125 µm
	741 µW / -1.3 dBm @ 9/125 µm
Connector	2.5 mm universal
Working mode	CW & 2-3 Hz modulation
Retention force for ferrule	1-2 N
Laser protection class	Class 1, IEC60825-2011

Note 1: Some cable materials can absorb red light. Standard 3 mm yellow and orange patch leads generally provide good visibility. Many purple cables do not.

Note 2: With PC polish connector. Coupled power into an APC connector is less. Max permissible power for Class 1 laser is 1.95mW.

GENERAL SPECIFICATIONS

Parameters	Value
Operating temperature	-10 to +45 °C
Storage temperature	-40 to + 70 °C
Relative humidity	95%
Power	2 AAA alkaline batteries
Battery life, Pulsed mode	> 40 hours
Weight	83 g including batteries
Size	18 x 160 mm
Warranty	3 years

ORDERING INFORMATION

Description	Part Number
Instrument, VFL Pocket 650 nm, 2.5 mm, Pulsed & CW	KI 6358

Please enquire for other output power option.

STANDARD ACCESSORIES

Description	Quantity
Operation manual	1
Protective case	1
AAA alkaline battery	2

OPTIONAL ACCESSORIES

Description	Part number
Option, Connector Adaptor, 2.5 Male-1.25 mm Female, Ceramic, SM	OPT189

Technical data is subject to change without notice as part of our program of continuous improvements

Ordering Information:

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