





The KI 6350 series Visual Fault Locators are used to test all fiber types, up to a range of around 5 ~ 7 Km.

A fiber fault or loss point can be easily located since it emits a bright red light<sup>1</sup>. Continuity testing of a fiber is simply achieved by looking for red light coming out of the fiber bundle. Alternatively a fiber route can be confirmed by bending a patch lead so red light leaks out of the patch lead.

This simple tool is useful on short links, or on a long link with an OTDR, since an OTDR is not precise.

The universal connector adapter is suitable for 1.25 mm or 2.5 mm fiber optic connectors, and the ceramic alignment sleeve ensures durable operation.



### SPECIFICATIONS

Specifications	KI 6351 & KI 6352	KI 6353
Wavelength	635 nm	650 nm
Batteries	2 x alkaline AAA	2 x alkaline coin cell LR44
Battery life	40 / 80 hours CW / Pulsed	2 hours
Operation mode	Pulsed at 2~3 Hz	Continuous
Connector types	KI 6351: 2.5 mm universal <sup>3</sup> KI 6352: 1.25 mm universal <sup>3</sup>	2.5 mm universal
Size	171 x 18 mm	73 x 14 x 19 mm
Weight include batteries	98 g	63 g
Coupled power <sup>4</sup>	9/125 µm or larger fiber core: 0.6 mW or -2.2 dBm <sup>2</sup> typ	
Laser safety class	2	
Environmental rating	IP67	
Ferrule retention force	1 - 2 N	
Operating / storage	-10 to +45°C / -40 to +70°C	

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 2 laser is 1 mW.

Note 3: Some connector styles such as E2000 require the removal of the screw mounted chrome protective ring.

Note 4: Applies to PC connector. APC connector may have slightly lower coupled power.

635 nm light is more visible to the human eye than 650 nm or 670 nm, and pulsing helps improve this further.

The KI 6351/2 is more suited to regular use, the inexpensive KI6353 is ideal for occasional use.

These high quality instruments are ruggedly constructed from metal. They have an IP67 environmental rating, and can withstand dust, humidity, and immersion in 1 m of water.

1 year warranty is standard, the equipment complies with Class 2 laser safety standards.



2.5 mm universal connector with protective ring removed

1.25 mm universal connector with protective ring removed

### ORDERING INFORMATION

Ordering Information	P/N
Visible Pen, 2.5 mm Ferrule, pulsed	KI 6351
Visible Pen, 2.5 mm Ferrule, CW	KI 6351CW
Visible Pen, 1.25 mm Ferrule, pulsed	KI 6352
Key ring Style Visible, 2.5 mm Ferrule	KI 6353

### STANDARD ACCESSORIES

Batteries, instruction manual, carry tube.

### OPTIONAL ACCESSORIES

Connector ferrule converter 2.5mm Male to 1.25mm Female, SMF	OPT189
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Technical data is subject to change without notice as part of our program of continuous improvements. Class 2 Laser product, complies IEC60825-1 and 21CFR1040.10. International patents filed.

### AUTHORIZED DEALER



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