



# KI6350 SERIES

OPTICAL VISUAL FAULT LOCATOR

The KI6350 series visual fault locator is the simplest possible optical fiber tester, with an operating range of a few Km.

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

## OPTICAL COMMUNICATIONS TEST APPLICATIONS

- ✓ Fiber identification
- ✓ Fiber continuity testing
- ✓ Precise optical fault location
- ✓ Cable route locator

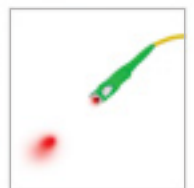
## FEATURES

- ✓ Very simple to use
- ✓ High quality universal connector
- ✓ Pulsed or CW models
- ✓ Durable construction
- ✓ IP67 dust & water immersion protected



KI6352 (Red)  
KI6351 (Blue)  
2 x AAA batteries  
Rubber grip Pen Style  
635 nm pulsed

 **1 YEAR**  
STANDARD  
WARRANTY





# KI6350 SERIES

## OPTICAL VISUAL FAULT LOCATOR

The KI6350 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. Continuity testing of a fiber is simply achieved by looking for red light<sup>1</sup> 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
Wavelength	635 nm
Batteries	2 x alkaline AAA
Battery life	40 / 80 hours CW / Pulsed
Operation mode	Pulsed at 2~3 Hz
Connector types	KI 6351: 2.5 mm universal <sup>3</sup> KI 6352: 1.25 mm universal <sup>3</sup>
Size	171 x 18 mm
Weight include batteries	98 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

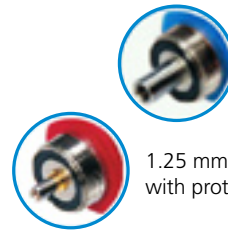
Note 1: Some cable materials can absorb red light. Standard 3 mm yellow and orange patch leads generally provide good visibility. Many purple cables do not.  
 Note 2: with PC polish connector. Coupled power into an APC connector is less. Max permissible power for Class 2 laser is 1 mW.  
 Note 3: Some 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.

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

### 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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