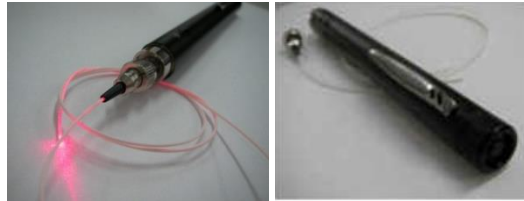




## Visual Fiber Optic Fault Locator (Fiber Checker) in Pen Style



### Description

The Visual Fiber Optic Fault Locator (Fiber Checker) in Pen Style is a particularly useful tool designed for checking the defects of a fiber cable. It emits a visible 650 nm wavelength red laser light through fiber optic cables, then if there are breaks or defects in the fiber will refract the light, creating a bright glow around the faulty area. The universal connector can be used for all the most widespread fiber interfaces such as ST / SC / FC connector. With an optional 2.5 mm to 1.25 mm optional Adapter, you can easily test 1.25 mm diameter fiber LC connector. The visibility is up to 3km dependent upon the output power of the Fiber Checker.

### Features

- 2.5 mm ID universal receptacle for single mode and multimode fibers
- Accepting any connector with a  $\phi$ 2.5 mm ferrule including ST, SC, FC connector
- Easy to carry and operate using 2 x AAA batteries included
- Continuous and pulsed operation modes available
- High visibility up to 3 km
- Elegant Pen style package
- Low cost & high performance

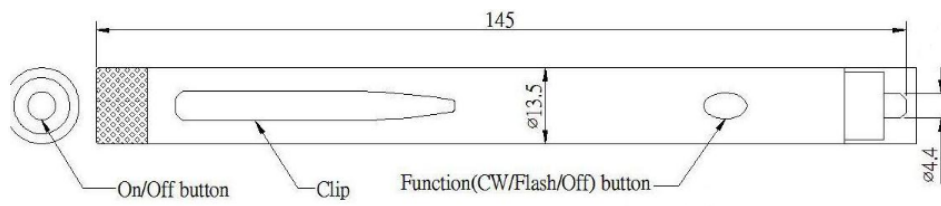
### Applications

- Locating breaks and bends in fibers and connectors
- Single mode and multimode fiber testing
- Supportive device for OTDR
- Optimizing splices

**Specifications**

<b>Part Number</b>	<b>OFC6505-US</b>
Central Wavelength	650±10nm @25°C
Output Power	>-4dBm @25°C into 9µm SM Fiber
Laser Class	Class IIIa
Spectral Width	<20nm
Operation Mode	Continuous light or 3Hz pulsed light
Range	Visibility up to 3km fiber
Power Source	3VDC (2 x AAA) Alkaline batteries
Battery Lifetime	12 hr (typical) for CW mode & 24hr (typical) for pulse mode
Operating Temperature	0 to +50°C
Storage Temperature	0 to +70°C
Connector Style	Universal receptacle (accepting any connector with Ø 2.5mm ferrule including SC, ST & FC connectors)
Dimensions	Ø13.5 x 146mm
Color	Black

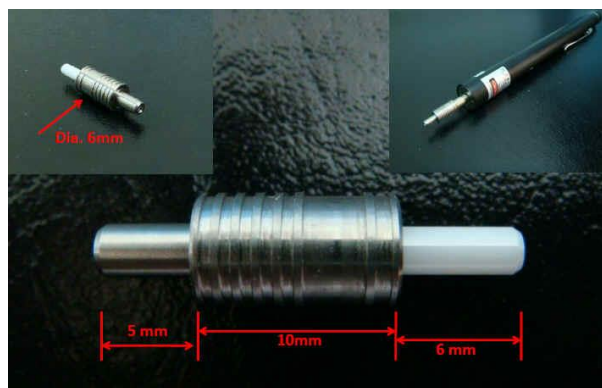
**Dimensions (unit: mm)**



**Optional Adapter**

**Part No. OFC-LCA**

Description: Adapter for converting Ø 2.5 mm ferrule to Ø 1.25 mm ferrule for LC connector



**Ordering Information**

Part Number	Description
OFC6505-US	650nm Visual Fiber Optic Locator, Pen Style
OFC-LCA	Adapter for converting $\Phi 2.5\text{mm}$ ferrule to $\Phi 1.25\text{mm}$ ferrule for LC connector

Note: Specifications are subject to change without notice.



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