

2012-12-04

Features:

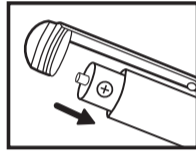
- Simple, versatile, and user-friendly design
- Rugged, compact, and splash proof copper housing
- 650nm laser
- High output > 0.5 mW
- Continuous wave output mode (CW) for steady fault illumination
- Blinking output mode increases viewing contrast
- Support 2.5 mm Connect (for PC/FC/SC/ST)
- The button switch permits easy one handed operation
- Two AAA-size alkaline batteries provide 50 hours of continuous operation

Operation:

- Make sure the fiber connection is in place.
- Press Function Switch which is at the middle of checker into mode CW or pulse for your preference.
- Press Function switch to off position, the light will be shut off.

Battery Installation:

- Always make sure the battery conditions.
- When inserting batteries always point the laser emission hole away from your eye.
- Unscrew the back cap of the checker. Then insert two AAA size batteries, with the anode facing the spring of back cap. Then screw the back cap.



Caution:

- **DO NOT LOOK INTO THE PATH OF THE LASER BEAM.** Direct eye contact with laser beam may cause eye injury.

Specifications:

- laser class: Class 3A laser diode
- Nominal wavelength: 650nm
- Power output: > 0.5mW
- Connector interface: 2.5 mm for PC/FC/SC/ST fiber optic connectors
- Operating temp. : 0 ~ 40°C
- Storage temp. : -20°C ~ 60°C
- Weight: 55g
- Dimensions Length: Length 160±2 mm , Diameter 13.5 mm

Standard Package :

MT-7508 x 1 User Guide x 1



PROKIT'S INDUSTRIES CO., LTD.

<http://www.prokits.com.tw> E-mail: pk@mail.prokits.com.tw

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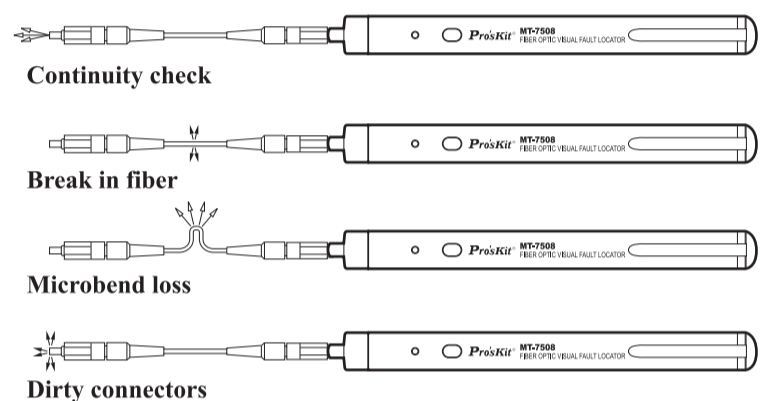
MT-7508

FIBER OPTIC VISUAL FAULT LOCATOR

INSTRUCTION MANUAL

• Locating Breaks and Bending Losses

The MT-7508 fiber optic visual fault locator is an indispensable tool for quickly identifying bending losses and breaks in optical fibers. If a fiber is bent too tightly, red laser light will be seen escaping through the jacket. Likewise, if a fiber is broken, escaping light will be visible where the break is located, as shown at right.



• Identifying Bad Ceramic Connectors

Ceramic connectors are easily tested using the MT-7508 fiber optic visual fault locator. A fiber broken inside, or past, the ferrule will cause it to glow, as shown, at right. If the whole connector glows, it is definitely defective. If the end face polish of the connector is bad, light will be reflected internally, as shown at right. This will also make the ferrule glow when the MT-7508 is used.

