



## CCT-2 CONTINUITY TESTER FOR OPTICAL FIBER

The Miller CCT-2 Continuity Tester, also known as a visual tracer, is a pocket-sized LED light specifically designed for verifying continuity by tracing a path of optical fiber from one end to another, even through many connections. It can also aid in establishing duplex connection polarity.

### Includes adapters for the following connectors:

**1.25mm**  
**2.5mm**  
**MT-RJ**

This covers nearly all standard types of connectors.

### SAFETY INFORMATION

Although this device is designed with a red LED light source, it is recommended that you avoid direct projection on the eyes.

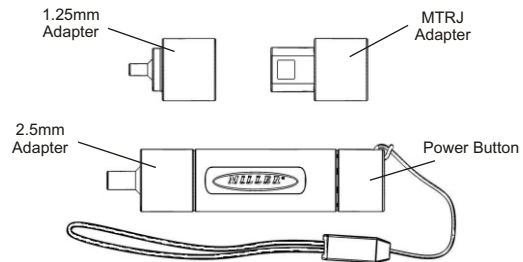
### OPERATION

1. Select the appropriate adapter and screw it onto the head of the tester.
2. To ensure the tester is working, turn it on by pressing the power button at the opposite end. You should see a bright red light.
3. Gently insert the ferrule of the connector into the adapter attached to the CCT-2.
4. Look at the other end of the fiber...

If no red light appears, this indicates a break in the fiber or other interruption of light transmitted through the core of the fiber. Repeat Steps 1 to 4 at each connection, as necessary, to find the bad section of the cable.

5. If a red light does appear, this indicates a good continuity.

Under ideal conditions, this tester has a maximum range of approximately 2km. Fiber cable type and quality, as well as connector type and quality, have a significant affect on detectable range. Compatible with singlemode & multimode fiber.



## MAINTENANCE

This pocket tester operates on three (3) LR41 or AG3 button cell batteries. To replace the batteries:

1. Unscrew the end cap that contains the power button.
2. Remove the old batteries and replace with the new ones, making sure the PLUS (+) side of each battery faces the end cap.
3. Screw the end cap back on and turn the tester on to ensure it's working properly.

**NOTE:** Using inappropriate batteries will cause serious damage to this device. Under proper operation, the LED is able to last a very long time and should not need replacing.

This device is designed for inside or outside plant use; however, precautions should be followed for ensuring long-lasting operation.

- Keep the tester in the provided case when not in use, storing it in a clean and dry location.
- Avoid mechanical shock.
- Do not immerse device in water.

## NEED ASSISTANCE?

If you encounter any difficulty in operating this Miller CCT-2 Continuity Tester, please contact us for assistance.

### CCT-2 CONTINUITY TESTER Ripley P/N 81140

**WARRANTY:** RIPLEY warrants its products against defective materials and workmanship for a period of one year from date of shipment from the RIPLEY factory provided the product is utilized in accordance with instructions and specified ratings.



81144 04-02-13

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### Declaration of Conformity

The equipment which accompanies this declaration is in conformity with RoHS 2

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A copy of the technical file for this equipment is available from the EU address above.

#### Description of Equipment.

Fiber Continuity Tester, CCT-2 Part No 81140  
Applicable harmonized Standards; EN 55022:2010, EN55024:2010  
Technical Reference/Date; EESZF02170001/20th Feb 2013  
Authorised signatory of EU Representative.

Name; Dennis Gurney  
Position; Quality and Applications Engineer  
Place; Kingswinford  
Date; 23/10/2012

A handwritten signature in black ink, appearing to read "Dennis Gurney".

