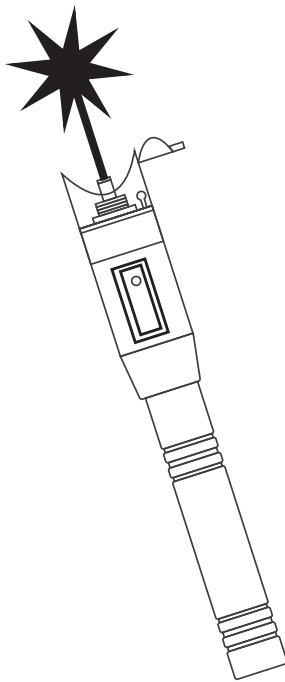


## Maintenance & Safety:

- Do not expose eyes to direct line of laser.
- Do not expose other's eyes to direct line of laser.
- Avoid leaving unit in direct sunlight as it can reduce the life of the laser and harm the batteries.
- Ensure the end of the tester is cleaned after using to prevent contamination of other connectors.
- Ensure dust cap is closed and switch is in the off position prior to storing the device.

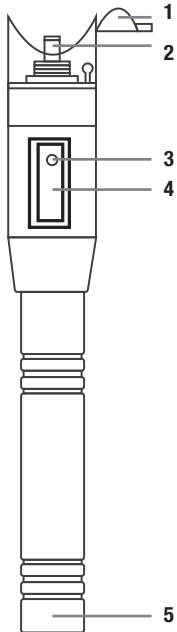


## TVFL100 Visual Fault Locator



## Using the TVFL100 Visual Fault Locator

The TVFL100 Fiber Optic Visual Fault Locator utilizes a 10mW laser to help identify faults and test continuity in fiber optic cabling. This unit can be used on both single mode and multi-mode fiber optic cables and is a must-have tool for fiber optic maintenance and installation.



### Specifications:

Laser:  
10mW

Output Wavelength:  
650nm +/- 10nm

Connector:  
2.5mm universal &  
1.25mm LC adapter

Working Temp:  
-10 – 45 C

Storage Temp:  
-15 – 50 C

Power:  
2x AA batteries  
(included)

1. Dust Cap
2. Connector Interface
3. LED indicator
4. Switch
5. Battery Cap

### Setup:

1. Unscrew battery cap and install batteries with positive side facing the top of the unit.
2. Turn the switch on and verify the LED is on.
3. Open the dust cap and verify the laser is emitting a light. *(Do not stare into beam or shine into eyes of yourself or others as it can cause harm).*
4. The unit is now ready to test.

### Testing:

1. Open the dust cap on the unit.
2. Insert the 2.5mm connector into the unit *(for LC connectors, utilize the provided adapter).*
3. Turn the unit to the desired mode, flashing, or solid beam.
4. Check the other end of the cable to verify there is continuity.
  - a. If there is no light on the other end of the connector, there is likely a break in the cable.
  - b. Breaks will be clearly visible through most cable jackets.
5. Turn the unit off.
6. Unplug the connector, close the dust cap.
7. Test is now complete.