

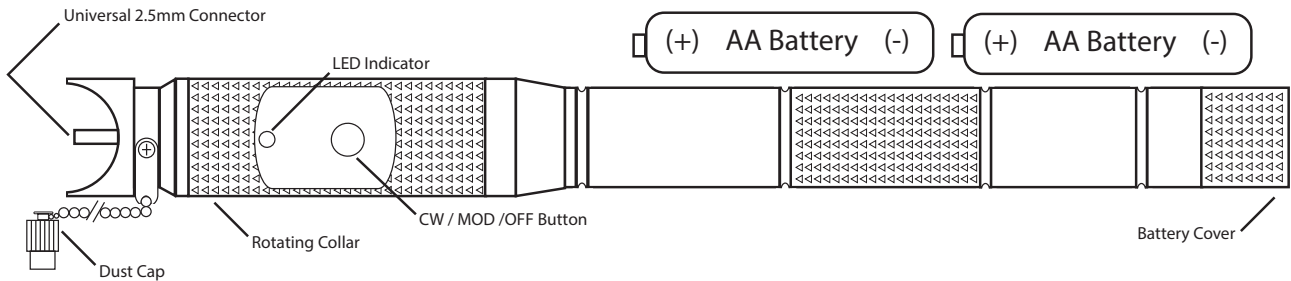
FIBERTEST™ VFL

Instruction Manual

The Triplet FiberTest VFL is a convenient Visual Fault Locator that easily identifies a target fiber optic cable among hundreds of similar cables, and assists in finding sources of loss in both single mode and multimode cables. Fiber networks normally use infrared light to send and receive data. Since infrared is invisible to the human eye, leakage of the light (also called 'loss') from the cable and connectors cannot be seen. It's also hard to identify cables since they all look the same. The Triplet FiberTest VFL uses a powerful 5mW red laser that is easy to see, and can be transmitted up to 10km. By connecting the FiberTest VFL to one end of the cable, the far end is immediately identified by the brilliant red laser, and losses along the cable caused by breaks, sharp bends, poor splices, bad connector installation, etc are clearly visible. The FiberTest VFL makes previously tedious tasks easy, saving time and money.

Installing Batteries (2 x AA):

Unscrew the bottom cap, insert 2 AA batteries with the positive (+) end towards the dust cap. Replace the bottom cap.



Testing FiberTest VFL:

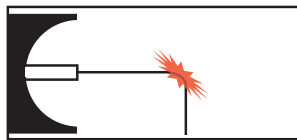
WARNING: Never look directly into the laser. Permanent eye damage can result!

1. To test the FiberTest VFL, unscrew the dust cap to expose the 2.5mm universal connector. Rotate the protective cover to expose the CW / MOD / OFF button. Pointing the connector at a white surface about 6" away, press the button once. The red LED will light solidly and a laser will turn on causing a large red spot on the white surface. The spot often looks like it is comprised of numerous concentric rings.
2. The button controls several modes. The first is CW (Continuous Wave). This is the present operating mode.
3. Press the button again to enter the first Modulation (MOD) mode. The laser and LED will flash rapidly.
4. Press the button again to enter the second MOD mode. The laser and LED will flash slowly.
5. Finally, press the button again to turn everything off.

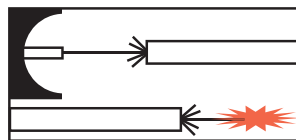
Using the FiberTest VFL:

1. Unscrew the dust cap and insert the ferrule of the fiber you want to identify or test into 2.5mm universal connector. Rotate the protective cover to expose the button and LED, then press the CW / MOD / OFF button to select the desired test mode.
2. Identify the cable or fiber, or locate points of loss using the following drawings as guidelines.
3. When finished, turn the FiberTest VFL off, remove the cable from the 2.5mm universal connector, and replace the dust cap

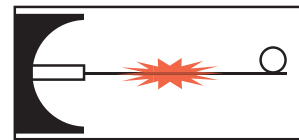
6 Common ways to use the FIBERTEST™ VFL



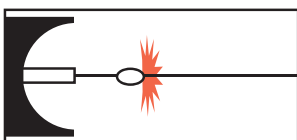
Identify loss at sharp bends



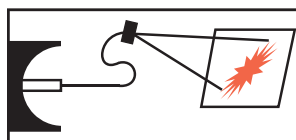
Identify exact fiber, whether single, dual, or multifiber



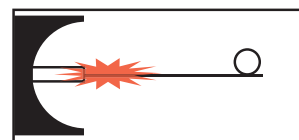
Find breaks up to 10km, or in OTDR Dead Zone



See excessive loss at splices



Project light to see large scratches or imperfections



See excessive leakage or loss at connectors

PN: 3340

Specifications:

Laser Wavelength: 650±10nm

Applicable fiber type: single mode or multi-mode

Mating Connectors: Fits ST, SC, and FC. Toslink. Other connectors with 2.5mm male ferrule.

Batteries: 2 AA Alkaline cells

Temperature Range: -4 to +140 °F

Maintenance:

No regular maintenance of the FiberTest VFL is required.

Customer Support:

In the unlikely event that you experience problems with your Triplet product, please contact us.

Triplet One Year Limited Warranty:

Triplet / Jewell Instruments warrants instruments and test equipment manufactured by it to be free from defective material or workmanship and agrees to repair or replace such products which, under normal use and service, disclose the defect to be the fault of our manufacturing, with no charge within one year of the date of original purchase for parts and labor. If we are unable to repair or replace the product, we will make a refund of the purchase price. Consult the Instruction Manual for instructions regarding the proper use and servicing of instruments and test equipment. Our obligation under this warranty is limited to repairing, replacing, or making refund on any instrument or test equipment which proves to be defective within one year from the date of original purchase.

This warranty does not apply to any of our products which have been repaired or altered by unauthorized persons in any way so as, in our sole judgment, to injure their stability or reliability, or which have been subject to misuse, abuse, misapplication, negligence, accident or which have had the serial numbers altered, defaced, or removed. Accessories, including batteries and fuses, not of our manufacture used with this product are not covered by this warranty.

To register a claim under the provisions of this warranty, contact Triplet / Jewell Instruments' Customer Service Department for a Return Authorization Number (RMA) and return instructions. No returned product will be accepted without an RMA number. Upon our inspection of the product, we will advise you as to the disposition of your claim.

ALL WARRANTIES IMPLIED BY LAW ARE HEREBY LIMITED TO A PERIOD OF ONE YEAR FROM DATE OF PURCHASE, AND THE PROVISIONS OF THE WARRANTY ARE EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES EXPRESSED OR IMPLIED.

The purchaser agrees to assume all liability for any damages and bodily injury which may result from the use or misuse of the product by the purchaser, his employees, or others, and the remedies provided for in this warranty are expressly in lieu of any other liability Triplet / Jewell Instruments may have, including incidental or consequential damages.

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Triplet / Jewell Instruments reserves the right to discontinue models at any time, or change specifications, price or design, without notice and without incurring any obligation.

This warranty gives you specific legal rights, and you may have other rights which vary from state to state.