

OFTM-5352

FiberInspector™ Pro Video Probe

Instruction Sheet

The OFTM-5352 FiberInspector Pro video probe connects to an OF-500 OptiFiber™ tester to let you inspect the ends of fiber optic connectors. The probe's 250X and 400X magnifications reveal dirt, scratches, and other defects that can cause poor performance or failures in fiber optic networks.

A FiberInspector Pro video probe comes with the following:

- FT650 fiber probe
- Probe adapter tips (ST, SC, FC, and universal 2.5 mm patch cord tip)
- Adapter cable for the OF-500 OptiFiber camera connector
- Instruction sheet

Registration

Registering your product with Fluke Networks gives you access to valuable information on product updates, troubleshooting tips, and other support services.

To register, fill out the online registration form on the Fluke Networks website at www.flukenetworks.com/registration.

Safety Information

Warning

To avoid possible eye damage caused by hazardous radiation, never look directly into optical output connectors. Some sources produce invisible radiation that can permanently damage your eyes.

To avoid possible fire, electric shock, or personal injury, do not open the case; no user-serviceable parts are inside.

Verifying that the FiberInspector Option is Enabled

Before you use a FiberInspector probe purchased separately from the OptiFiber tester, verify that the FiberInspector option is enabled on your tester.

To verify that the option is enabled, press  on the tester; then select **Enable OptiFiber Options**. If the FiberInspector option is not shown as “INSTALLED” contact Fluke Networks for assistance.

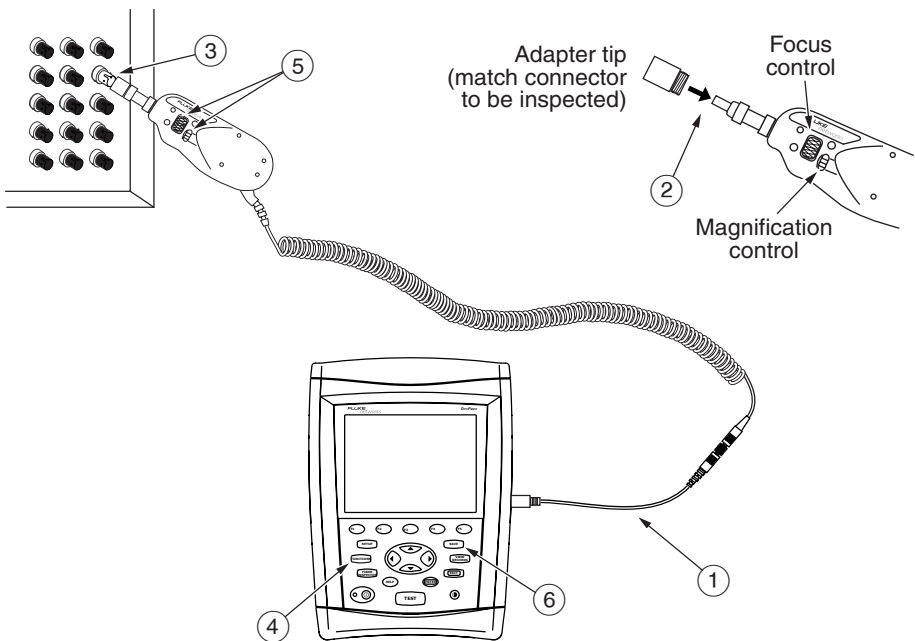
Using the Probe

Figure 1 shows how to use the probe.

Caution

Some adapter tips have small screws that slide into a slot on the probe end. Do not adjust this screw.

See the tester's online help or the *OF-500 OptiFiber Technical Reference Handbook* on the OptiFiber Product Manuals CD for details on FiberInspector functions.



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- ① Use the adapter cable provided to connect the probe to the video input jack on the side of the tester.
- ② Screw an adapter tip that matches the connector type being inspected onto the fiber probe.
- ③ Clean the connector to be inspected.
- ④ Press **FIBER INSPECTOR**. If the tester shows the message **"Camera Image Unavailable"** check the connections between the probe and the tester.
- ⑤ Place the probe on the fiber connector. Turn the larger ring on the probe to focus the image. Turn the smaller ring to change magnification.

The tester's softkeys provide additional functions. Press **HELP** for additional information about using the probe.

- ⑥ To save the image, press **SAVE**, select or create a fiber ID; then press **SAVE** again.

Figure 1. Using the Probe

Maintenance

Clean the case with a soft cloth dampened with water or a mild detergent. Do not use solvents or abrasive cleansers.

Getting Service


Contact Fluke Networks for information on authorized Fluke Networks service centers.


Accessories


The following accessories are available from Fluke Networks for the OFTM-5352 FiberInspector Pro video probe. Other styles of adapter tips may be available. Visit the Fluke Networks website for a complete list of fiber test accessories.

Description	Fluke Networks Model Number
Fiber optic cleaning kit	NF430
MT-RJ adapter tip	NF360
LC adapter tip	NF362
MU adapter tip	NF364

Contacting Fluke Networks

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- Australia: 61 (2) 8850-3333 or 61 (3) 9329-0244
- Beijing: 86 (10) 6512-3435
- Brazil: 11 3044 1277
- Canada: 1-800-363-5853
- Europe: +44 1923 281 300
- Hong Kong: 852 2721-3228
- Japan: +81-3-3434-0181
- Korea: 82 2 539-6311
- Singapore: +65-6738-5655
- Taiwan: (886) 2-227-83199
- USA: 1-800-283-5853

Visit our website for a complete list of phone numbers.

Specifications

Magnification	250X and 400X
Camera type	0.33 in (8.38 mm) CCD with adjustable focus
Light source	LED
Connection to OptiFiber tester	8-pin mini DIN to NTSC video port
Power source	Powered by the OF-500 OptiFiber tester
Lighting technique	Coaxial
Dimensions	1.8 in x 1.7 in x 5.5 in (45.7 mm x 43.2 mm x 140 mm) (length depends on adapter tip)
Weight	0.4 lb (180 g)
Temperature range	Operating: 32 °F to 104 °F (0 °C to 40 °C) Storage: -14 °F to +140 °F (-10 °C to +60 °C)
Humidity range	Operating: 0 % to 45 % RH non-condensing Storage: 0 % to 95 % RH non-condensing
Certifications	 (when used with the OF-500 OptiFiber tester)

LIMITED WARRANTY & LIMITATION OF LIABILITY

Fluke Networks products will be free from defects in material and workmanship for one year from the date of purchase. Parts, accessories, product repairs and services are warranted for 90 days. This warranty does not cover disposable batteries, cable connector tabs, cable insulation-displacement connectors, or damage from accident, neglect, misuse, alteration, contamination, or abnormal conditions of operation or handling. Resellers are not authorized to extend any other warranty on Fluke Networks' behalf. To obtain service during the warranty period, contact your nearest Fluke Networks authorized service center to obtain return authorization information, then send your defective product to that Service Center with a description of the problem.

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