

# OptiView™ Fiber Inspector

*Dirt, dust and other contaminants are the enemy of high-speed data transmission over optical fiber. With today's network applications requiring more bandwidth and loss budgets being tighter than ever before, it is imperative that all optical connections are clean and free of contaminants to ensure network operation. Fluke Networks' OptiView™ Integrated Network Analyzer together with OptiView Fiber Inspector is the solution.*



## Save valuable time inspecting fiber at patch panels

The OptiView Fiber Inspector, a portable video microscope that connects to a USB port on an OptiView Integrated Network Analyzer, gives you superior vision by enabling you to inspect all types of installed fiber terminations in hardware devices and patch panels. It saves you time by eliminating the need to access the rear of patch panels or disassemble hardware devices prior to inspection. Instead of removing each individual fiber, you need only insert the video probe to inspect the fiber while it's still in place. This is the only practical way to inspect many hardware devices, where disassembly is not a realistic option.

## Reduce contamination and signal loss in hardware devices

Fiber hardware devices feature connectors at the front or back. These connectors are very difficult to check since they are mounted inside the device's enclosure. If a contaminated jumper is inserted, the termination inside the device is now contaminated and contributes to signal loss. The OptiView Fiber Inspector eliminates the chance of contamination because it never makes physical contact with the termination. Once again, the risk of contamination is reduced.

## Safely inspect live fiber without harming eyes

The OptiView Fiber Inspector includes a small, lightweight probe, which contains a long-life LED light source and CCD video camera, and a NTSC to USB converter. The probe adapter tip mates with the connector and projects crisp, clear images of microscopic debris and endface damage on the OptiView Analyzer's display using Kodak Imaging for Windows® already installed on your OptiView Analyzer. This allows you to look at a fiber endface without looking into the fiber, thereby eliminating all chance of any harmful laser light reaching your eye.

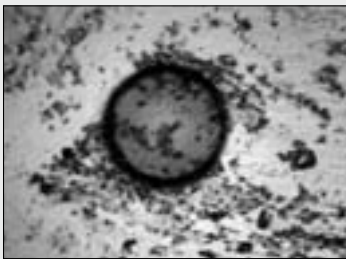
**Inspect fiber terminations at 400X magnification.**

## OptiView Fiber Inspector Video Microscope

This easy-to-use accessory provides the latest in fiber inspection technology. The OptiView Fiber Inspector:

- Easily inspects fiber connectors already installed on patch panels.
- Quickly determines whether fiber connectors on a hardware device are clean and in good condition—without disassembling the device!
- Eliminates the hazards of inspecting live fiber.
- Is compatible with standard ST, SC, and FC connectors, and other connector types including small form factor connectors with optional adapter tips.
- Leverages off the investment already made in the OptiView Integrated Network Analyzer by eliminating the need for a separate display.

*Do you always assume that your new fiber patch cords are free of contaminants? Take a look at this – a new patch cord, straight out of the packaging, viewed with the OptiView Fiber Inspector.*



Rx fiber



Tx fiber

## Specifications

OPV-FT500 General Specifications	
<b>Temperature range</b>	
Operating	0 to 40° C (32 to 104° F) @ 45% RH (non-condensing)
Storage	-10 to 60° C (14 to 140° F) @ 95% RH (non-condensing)
<b>Humidity range</b>	
Operating	0% to 45% RH non-condensing;
Storage	0% to 95% RH non-condensing
Certifications	CE
Video Fiber Probe	
Magnification	400X
Camera type	0.33 in (8.38 mm) CCD with adjustable focus
Light source	LED
Lighting technique	Coaxial
Dimensions	1.3 in x 1.3 in x 4.3 in (3.3 cm x 3.3 cm x 10.92 cm) (Length depends on adapter tip)
Weight	1.4 oz (40g)

## Fluke Networks delivers Network SuperVision

Fluke Networks' OptiView Fiber Inspector is just one example of our commitment to providing innovative Network SuperVision Solutions™. By giving you the ability to inspect installed terminations in patch panels and on hardware devices, OptiView Fiber Inspector provides a comprehensive view of even hard-to-reach connectors. From products that stay ahead of your technology needs, to responsive service to keep you up and running, to training to help you grow your people and your business, Fluke Networks will help you keep pace in today's fast moving, networked world by keeping its eye on the future for you. That's Network SuperVision. That's Fluke Networks' promise to you.

## Ordering Information

Model	Description
OPV-FT500	<b>OptiView Fiber Inspector</b> Includes Video Fiber Probe, NTSC to USB Converter, Probe Adapter Tips (ST, SC, FC, and universal 2.5 mm patch cord tip)

## Optional Accessories

Model	Description
NF360	<b>MT-RJ Video Probe Adapter Tip</b>
NF362	<b>LC Video Probe Adapter Tip</b>
NF430	<b>Fiber Optic Cleaning Kit</b>

### NETWORK SUPERVISION

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