

FiberInspector™ Video Microscopes

Because 85% of fiber optic network cabling failures are due to dirt and broken fiber end-faces, it's imperative that all optical fiber connections are clean and free of contaminants. Fluke Networks' FiberInspector is the solution. Now with two options in magnification, the FT300 (250x) is ideal for inspecting multimode fiber while the new FT400 (400x) offers superior fiber vision for singlemode applications.

Save valuable time inspecting fiber

FiberInspector, a portable, video microscope, gives you superior vision by enabling you to inspect all types of installed fiber terminations in switches, routers and patch panels. It saves time by eliminating the need to access the backside 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. Plus, FiberInspector never touches the termination so there's no risk of contamination.

Safely inspect live fiber without harming eyes

FiberInspector includes a handheld LCD display unit and a small, lightweight probe that contains a long-life LED light source and CCD video camera. The probe adapter tip mates with the connector and projects crisp, clear images of microscopic debris and end-face damage on the LCD display. The video display allows you to look at a fiber end-face without looking into the fiber, eliminating the chance of harmful laser light reaching your eye.

FiberInspector™ Video Microscope

This easy-to-use instrument provides the latest in fiber inspection technology.

The FiberInspector:

- 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 eye damage while 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.
- Rugged design endures tough working conditions.
- Includes a free ToolPak™ Hanging Kit and *Fiber Optic Reference Guide* with product registration.



Superior vision for singlemode and multimode fiber



FT400 FiberInspector (400x) shows higher magnification image of singlemode fiber end-face



FT300 FiberInspector (250x) shows clear image of multimode fiber end-face ferrule






Look at installed fiber in a new light with
Fluke Networks' FiberInspector™ Video Microscope



Specifications

FT300 and FT400 General Specifications	
Temperature range	Operating: 0°C to 40°C Storage: -10°C to +60°C
Humidity range	Operating: 0% to 45% RH non-condensing; Storage: 0% to 95% RH non-condensing
Certifications	CE
FT330 Display	
Display type	2.5 in (6.35 cm) TFT, active matrix, 480 x 234 pixels
Video output	NTSC
Power source	NiMH battery or AC power
Battery life	3 hours continuous use
Dimensions	3.5 in x 2.3 in x 8.5 in (8.9 cm x 5.8 cm x 21.6 cm)
Weight	16.4 oz (465g)
FT350 and FT354 Fiber Probes	
Magnification	FT350 Fiber Probe 250x, FT354 Fiber Probe 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 10.9 cm) (length depends on adapter tip)
Weight	1.4 oz (40g)

Ordering Information

FT400 New		FiberInspector™ 400x Video Microscope Includes FT354 Fiber Probe, FT330 Fiber Display, AC adapter/battery charger, probe adapter tips (ST, SC, FC, and universal 2.5 mm patch cord tip) and hard carrying case.
FT300		FiberInspector™ 250x Video Microscope Includes FT350 Fiber Probe, FT330 Fiber Display, AC adapter/battery charger, probe adapter tips (ST, SC, FC, and universal 2.5 mm patch cord tip) and hard carrying case.
NF360		MT-RJ Video Probe Adapter Tip
NF362		LC Video Probe Adapter Tip
NF430		Fiber Optic Cleaning Kit Includes alcohol-soaked cleaning pads, 2.5 mm foam-tipped cleaning sticks, large foam-tipped cleaning swabs, lint-free cotton wipes, and small bottle for isopropyl alcohol (shipped empty).

Free ToolPak™ and Fiber Optic Reference Guide

Register your Fluke Networks FiberInspector and receive a FREE ToolPak™ Hanging Kit. We'll even throw in a FREE 224-page *Fiber Optic Reference Guide*.



Fluke Networks delivers Network SuperVision

Fluke Networks is committed to providing innovative Network SuperVision Solutions.™ From innovative technology and tools that comply with new standards, to responsive service and training to help you grow your business, Fluke Networks will help you keep pace in today's fast moving, networked world by keeping our eye on the future for you. That's Network SuperVision. That's Fluke Networks' promise to you.

NETWORK SUPERVISION

Fluke Networks, Inc.
P.O. Box 777, Everett, WA USA 98206-0777

Fluke Europe B.V.
P.O. Box 1186, 5602 BD
Eindhoven, The Netherlands

For more information call:
U.S.A. (800) 283-5853 or
Fax (425) 446-5043
Europe/M-East/Africa (31 40) 2 675 200 or
Fax (31 40) 2 675 222
Canada (800) 363-5853 or
Fax (905) 890-6866
Other countries (425) 446-4519 or
Fax (425) 446-5043
E-mail: fluke-assist@flukenetworks.com
Web access: <http://www.flukenetworks.com>

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PDF 9/2001 1592489 A-ENG-N Rev C