

NOYES® AFL SimpleView™ Fiber Inspection Software



AFL SimpleView Fiber Inspection Software is an application that permits the NOYES DFS1 Digital FiberScope to be used with Windows® XP or Windows® 7 computers. AFL SimpleView software provides a live, high-resolution video image of the end-face of an optical fiber. This capability enables fiber installers and network technicians to inspect and troubleshoot optical fibers and verify that they are clean and undamaged.

The DFS1 Digital FiberScope is an ergonomically-designed hand-held inspection probe that illuminates the end-face of single-mode or multimode optical fiber and delivers live video images to laptop computers and NOYES OTDRs.

Capabilities

- 0.5 µm detection
- 1.0 µm optical resolution
- 250 µm field of view (minimum)
- Integrated focus control

Applications

- Document "as-built" condition of patch cords and connectors
- Document "as-inspected" condition of malfunctioning links
- Perform final or incoming inspection of equipment and components

Minimum System Requirements

- OS: Windows XP or Windows 7
- USB: USB 1.1 Host

AFL SimpleView software is available as a free download from AFL. Learn more at



Download AFL SimpleView at:

http://www.afltele.com/products/test_inspection/microscopes_videoscopes/SimpleView_Request.htmlSimpleView_Request.html



DFS1 Digital FiberScope

Features

- Ergonomic, hand-held design
- Single-handed operation
- 400x magnification
- Fast, easy focus and display capture
- Video output via USB port to M200, M700, C840, C850, C860, or C880 and Windows XP and Windows 7 devices.
- Powered from USB; no batteries required
- Extensive assortment of interchangeable fiber connector and bulkhead adapter tips
- Adapter tips easily changed; no tools required

Applications

- Ideal for Telco, Broadband, and Enterprise applications
- Optical connector and bulkhead adapter inspection
- Display and analyze fiber end-face quality on M200, M700, C840, C850, C860, or C880
- Visually inspect fiber end-faces for damage or contamination impairing optical transmission
- Generate installation inspection records, associating captured digital photo with fiber ID

NOYES® DFS1 Digital FiberScope

The DFS1 Digital FiberScope supports magnified video inspection of optical fiber connector end-faces during fiber optic cable and connector installation and maintenance. The ergonomically designed hand-held unit illuminates fiber end-faces and delivers magnified images via USB port to AFL's M-series OTDRs (M200, M700) or C-series OTDRs and Certification Testers (C840, C850, C860, C880) and Windows XP and Windows 7 devices. FiberScope software displays, labels, and stores captured images as part of connector installation and/or maintenance records.

A large adjustment knob permits easy focusing using real-time view. Once focused, a conveniently located trigger button signals the attached display device to capture the image for analysis and archiving. The scope's ergonomic shape and control locations support comfortable, single-handed operation.

The DFS1 is powered through the USB port, eliminating the need for an additional battery or AC power supplies. Electronic video inspection eliminates all danger of eye damage from active (lit) fibers carrying either visible or infrared wavelengths.

An extensive assortment of adapters supports inspection of a wide range of optical jumper cable connector ferrules and bulkhead adapters. Bulkhead adapter tips are available in multiple lengths as well as 60° angle. Connector adapters are available for PC, UPC, or APC polished ferrules in 1.25 mm, 2.5 mm and other diameters.

The DFS1 is available in three different kits which provide either PC/UPC adapters, APC adapters, or no adapters. All kits include soft carry case, an adapter tip storage box, quick reference guide, plus FiberScope display software update for M200, M700, C840, C850, C860, and C880.

Authorized Channel Partner



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