Noyes Digital Scopes

Noyes

DFS1 Digital Fiber Scope

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). 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 infraredwavelengths.

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 updates for M200, M700, C840, C850, C860, and C880.

Features & Benefits

- Ergonomic, hand held design
- One-handed operation
- 400x magnification
- Fast easy display capture
- Video output via USB port
- Powered from USB; no batteries required
- Adapter tips easily changed; no tools required
- Extensive assortment of interchangeable fiber connector and bulkhead adapter tips

Ordering Information

Part Number	Description
DFS1-00-04XA	400x Inspection Probe USB w/ APC Tips (no monitor)
DFS1-00-04XU	400x Inspection Probe USB w/ PC Tips (no monitor)
DFS1-00-04XN	400x Inspection Probe USB (no tips/monitor)

Noyes

FOCIS Fiber Optic Connector Inspection System

The FOCIS combines a palm sized DFD1 Touchscreen Tablet, a DFS1 Fiber Scope and, AFL SImpleView Plus inspection software to provide the inspection and analysis power of current laptop and probe solutions with the ergonomics , ease of use, ruggedness, and ownership costs of basic "live only" viewers. FOCIS solutions are future-proof because their optical resolution and detection specifications exceed current international standards and their software-based inspection and analysis applications can be upgraded as market requirements evolve.

Features & Benefits

- 0.5 µm detection capability
- 1.0 µm optical resolution
- 400 µm x 350 µm field of view
- Paired fiber images for comparing before/ after, input/output, etc.
- Integrated focus and snapshot controls
- Capture, save, review and share images
- 1000 image files storage capacity

Digital Scopes

Ordering Information

Part Number	Description
DFD1-00-04XU	Fiber Optic Connection Inspection System UPC
DFD1-00-04XA	Fiber Optic Connection Inspection System APC
DFD1-00-04XM	Fiber Optic Connection Inspection System MTP/MPO
DFD1-00-04XN	Fiber Optic Connection Inspection System - No tips or cleaner
DFD1-00-04NN	Fiber Optic Connection Inspection System - Upgrade Kit for DFS1

DFS1 Adapter TIps

Part Number	Description	Part Number	Description
DFS1-00-0001MR	Noyes Adapter Tip for DFS 1, 1.25mm	DFS1-00-0029MR	Noyes MU/PC Adapter Tip for DFS 1 - Long
DFS1-00-0002MR	Noyes Adapter Tip for DFS 1, 2.5mm (male)	DFS1-00-0030MR	Noyes MU/PC Adapter Tip for DFS 1 - 60 Deg
DFS1-00-0005MR	Noyes Adapter Tip for DFS 1, 2.0mm (male)	DFS1-00-0037MR	Noyes MTP/PC Adapter Tip for DFS 1 w/ Base
DFS1-00-0006MR	Noyes Adapter Tip for DFS 1, 1.6mm Termini (male)	DFS1-00-0041MR	Noyes MTP/PC Adapter Tip for DFS 1 (no base)
DFS1-00-0038MR	Noyes Adapter Tip for DFS 1, 1.25mm Termini (male)	DFS1-00-0042MR	Noyes MTP/PC & APC Adapter Tip for DFS 1 w/ Base
DFS1-00-0039MR	Noyes Adapter Tip for DFS 1, 2.5mm Termini (male)	DFS1-00-0031MR	Noyes Adapter Tip for DFS 1, 2.0mm
DFS1-00-0008MR	Noyes Adapter Tip for DFS 1, 1.25mm ELIO (male)	DFS1-00-0032MR	Noyes Adapter Tip for DFS 1, LX.5/PC
DFS1-00-0003MR	Noyes SC/PC & FC/PC Adapter Tip for DFS 1	DFS1-00-0033MR	Noyes Adapter Tip for DFS 1, 2.0mm Termini
DFS1-00-0010MR	Noyes SC/PC & FC/PC Adapter Tip for DFS 1 - Short	DFS1-00-0034MR	Noyes Adapter Tip for DFS 1, 1.6mm Termini
DFS1-00-0011MR	Noyes SC/PC & FC/PC Adapter Tip for DFS 1 - Medium	DFS1-00-0036MR	Noyes Adapter Tip for DFS 1, ELIO 1.25
DFS1-00-0012MR	Noyes SC/PC & FC/PC Adapter Tip for DFS 1 - Long	DFS1-01-0001MR	Noyes Adapter Tip for DFS 1, 1.25mm APC (male)
DFS1-00-0013MR	Noyes SC/PC & FC/PC Adapter Tip for DFS 1 - 60 Deg	DFS1-01-0002MR	Noyes Adapter Tip for DFS 1, 2.5mm APC (male)
DFS1-00-0040MR	Noyes SC/PC Adapter Tip for DFS 1- 60 Deg	DFS1-01-0003MR	Noyes SC/APC & FC/APC Adapter Tip for DFS 1
DFS1-00-0014MR	Noyes ST/PC Adapter Tip for DFS 1	DFS1-01-0011MR	Noyes SC/APC Adapter Tip for DFS 1
DFS1-00-0015MR	Noyes ST/PC Adapter Tip for DFS 1 - Short	DFS1-01-0004MR	Noyes LC/APC Adapter Tip for DFS 1
DFS1-00-0016MR	Noyes ST/PC Adapter Tip for DFS 1 - Medium	DFS1-01-0005MR	Noyes SC/APC Adapter Tip for DFS 1 - Short
DFS1-00-0017MR	Noyes ST/PC Adapter Tip for DFS 1 - Long	DFS1-01-0006MR	Noyes SC/APC Adapter Tip for DFS 1- 60 Deg
DFS1-00-0018MR	Noyes ST/PC Adapter Tip for DFS 1 - 60 Deg	DFS1-01-0008MR	Noyes Adapter Tip for DFS 1, E2000/APC
DFS1-00-0004MR	Noyes LC/PC Adapter Tip for DFS 1	DFS1-01-0009MR	Noyes Adapter Tip for DFS 1, LX.5/APC
DFS1-00-0019MR	Noyes LC/PC Adapter Tip for DFS 1 - Short	DFS1-01-0010MR	Noyes MTP/APC Adapter Tip for DFS 1 w/ Base
DFS1-00-0020MR	Noyes LC/PC Adapter Tip for DFS 1 - Medium	DFS1-01-0012MR	Noyes MTP/APC Adapter Tip for DFS 1 (no base)
DFS1-00-0021MR	Noyes LC/PC Adapter Tip for DFS 1 - Long	DFS1-00-0007MR	Noyes Biconic Adapter Tip for DFS 1 (male
DFS1-00-0022MR	Noyes LC/PC Adapter Tip for DFS 1 - 60 Deg	DFS1-00-0009MR	Noyes SMA Adapter Tip for DFS 1 (male)
DFS1-00-0023MR	Noyes E2000/PC Adapter Tip for DFS 1 - Short	DFS1-00-0046MR	Noyes SMA Adapter Tip for DFS 1
DFS1-00-0024MR	Noyes E2000/PC Adapter Tip for DFS 1 - Medium	DFS1-00-0047MR	Noyes TFOCA II Adapter Tip for DFS 1 Kit (tip & guide)
DFS1-00-0025MR	Noyes E2000/PC Adapter Tip for DFS 1 - Long	DFS1-00-0048MR	Noyes TFOCA II Adapter Guide for DFS 1
DFS1-00-0026MR	Noyes MU/PC Adapter Tip for DFS 1	DFS1-00-0049MR	Noyes TFOCA II Adapter Tip for DFS 1
DFS1-00-0027MR	Noyes MU/PC Adapter Tip for DFS 1 - Short	DFS1-01-0007MR	Noyes Optitap Adapter Tip for DFS 1
DFS1-00-0028MR	Noyes MU/PC Adapter Tip for DFS 1 - Medium	DFS1-01-0013MR	Noyes Optitip Adapter Tip for DFS 1