FOCIS WiFi
Fiber Optic Connector Inspection System

Features

- Automatic analysis of fiber connector integrity [a]
- IEC 61300-3-35, AT&T TP-76461 and user-defined pass/fail criteria [a]
- Full pass/fail analysis in less than 1 second
- Comprehensive reporting, saving and sharing capabilities via mobile device email, text and web browser
- Free Smartphone and Tablet applications
- Compatible with iPhone and iPad (iOS7)
- Compatible with Android™ 2.3.3 and up

Applications

- Enterprise and Campus Networks
- Data Center patch panels, trunks, patch cords and equipment terminations
- Long-haul, Metro Core and Access Links
- Broadband and CATV Networks
- Access network cabinets and drops

The FOCIS WiFi system combines AFL's powerful fiber connector inspection and analysis with the familiar ease of a smartphone or tablet. FOCIS WiFi works the way you do – connected to your phone or tablet. FOCIS WiFi enables mobile workers to complete remote fiber optic connector inspection tasks while remaining connected to coworkers and managers.

Three different FOCIS WiFi options are available.

- FOCIS WiFi VIEW – enables users to view live images of a fiber end-face on a smartphone or tablet to check for cleanliness and/or damage.
- FOCIS WiFi PLUS – view, save, compare and share saved end-face images via email, text or mobile cloud applications.
- FOCIS WiFi PRO – automatically analyzes connector integrity according to IEC 61300-3-35, AT&T TP-76461, or user defined standards and save, recall and share results via email, text or mobile cloud applications.

FOCIS WiFi can easily be upgraded from VIEW to PLUS to PRO as your inspection needs change.

The FOCIS WiFi system consists of the proven DFS1 Digital FiberScope and a Portable Application Link WiFi unit. It also includes FOCIS MOBILE, a mobile app available for iPhone and IPad as well as Android mobile devices.

FOCIS WiFi kits include a soft carry case that contains the DFS1 Digital FiberScope, the PAL, an AC adapter/charger, a user guide and a handy holster/belt clip that keeps everything organized and available.

Notes:
a. FOCIS WiFi PRO kits only.

www.AFLglobal.com or (800) 321-5298, (603) 528-7780

FOCIS WiFi
Fiber Optic Connector Inspection System

Specifications [a]

DFS1 Digital FiberScope

OPTICAL PERFORMANCE	
Nominal Magnification	400 x
Field of View	400 x 300 µm
Focus Range	2 mm travel
Optical Resolution	1.0 µm or better
VIDEO PERFORMANCE	
Video Image Resolution	320 x 240 pixels
PHYSICAL CHARACTERISTICS	
Dimensions	35 x 175 mm (without adapter tip)
Weight	200 g
Illumination Source	Blue LED, coaxially aligned
Electrical Connector	USB 2.0 (male)

FOCIS Mobile Application Software

PERFORMANCE	
Displayed Image Resolution	320 x 240 pixels
Video Update Rate	5 frames/second
Connector Inspection Time	500 msec typical
Automatic Detection Capability [b]	1.3 µm particles and scratches
OS Compatibility	Android 2.3 and newer, iOS7 and newer

Portable Application Link

WiFi CHARACTERISTICS	
Protocol	IEEE 802.11 b/g/n
Frequency/Channel	2.4 -2.4835 GHz
SSID	Broadcast On: AFL_XXXXXXXXX (contains 9 digit serial number)
Range	2.4 meters minimum
BATTERY	
Type	Internal Li-ion, 5200 mAH rechargable
Capacity	9.5 hours of continuous operation with DFS1
AC Adapter/Charger	+5VDC @ 1A USB output, 100 - 240VAC 50/60 Hz, 7 hours charging time maximum
PHYSICAL CHARACTERISTICS	
Dimensions	93.8 x 43.1 x 26.0 mm
Weight	129 g
Video Probe connector	USB 2.0 (female)
Network Connector (OEM use only)	RG-45

Environmental Performance

Operating Temperature	-10°C to 55°C
Storage Temperature	-20°C to 60°C
Operating Humidity	10% to 80%

Notes:

a. All specifications valid at 23°C ±2°C (73.4°F ±3.6°F) unless otherwise specified.
b. FOCIS WiFi PRO only.
c. When used with Nexus 7 tablet.

Ordering Information

FOCIS WiFI Kits in Soft Case without Adapter Tips and Cleaners

MODEL AND DESCRIPTION	AFL NO.
FOCIS WiFi VIEW kit. Includes DFS1 Digital FiberScope, Portable Application Link (PAL) with FOCIS WiFi VIEW firmware, AC adapter, FOCIS WiFi holster, adapter tip box, soft carry case.	FMVU-00-04XN
FOCIS WiFi PLUS kit. Includes DFS1 Digital FiberScope, Portable Application Link (PAL) with FOCIS WiFi PLUS firmware, AC adapter, FOCIS WiFi holster, adapter tip box, soft carry case.	FMPL-00-04XN
FOCIS WiFi PRO kit. Includes DFS1 Digital FiberScope, Portable Application Link (PAL) with FOCIS WiFi PRO firmware, AC adapter, FOCIS WiFi holster, adapter tip box, soft carry case.	FMPR-00-04XN
FOCIS WiFi VIEW Upgrade kit for DFS1 owners. Includes Portable Application Link (PAL) with FOCIS WiFi VIEW firmware, AC adapter, FOCIS WiFi holster, soft carry case.	FMVU-01-04XN
FOCIS WiFi PLUS Upgrade kit for DFS1 owners. Includes Portable Application Link (PAL) with FOCIS WiFi PLUS firmware, AC adapter, FOCIS WiFi holster, soft carry case.	FMPL-01-04XN
FOCIS WiFi PRO Upgrade kit for DFS1 owners. Includes Portable Application Link (PAL) with FOCIS WiFi PRO firmware, AC adapter, FOCIS WiFi holster, soft carry case.	FMPR-01-04XN

FOCIS WiFi
Fiber Optic Connector Inspection System

Ordering Information

FOCIS WiFI Kits in a Hard Carry Case without Adapter Tips and Cleaners

DESCRIPTION	AFL NO.
FOCIS WiFi VIEW kit. Includes DFS1 Digital FiberScope, Portable Application Link (PAL) with FOCIS WiFi VIEW firmware, AC adapter, FOCIS WiFi holster, hard carry case, adapter tip box.	FMVU-00-04XN-HC
FOCIS WiFi PLUS kit. Includes DFS1 Digital FiberScope, Portable Application Link (PAL) with FOCIS WiFi PLUS firmware, AC adapter, FOCIS WiFi holster, hard carry case, adapter tip box.	FMPL-00-04XN-HC
FOCIS WiFi PRO kit. Includes DFS1 Digital FiberScope, Portable Application Link (PAL) with FOCIS WiFi PRO firmware, AC adapter, FOCIS WiFi holster, hard carry case, adapter tip box.	FMPR-00-04XN-HC
FOCIS WiFi VIEW Upgrade kit for DFS1 owners. Includes Portable Application Link (PAL) with FOCIS WiFi VIEW firmware, AC adapter, FOCIS WiFi holster, hard carry case.	FMVU-01-04XN-HC
FOCIS WiFi PLUS Upgrade kit for DFS1 owners. Includes Portable Application Link (PAL) with FOCIS WiFi PLUS firmware, AC adapter, FOCIS WiFi holster, hard carry case.	FMPL-01-04XN-HC
FOCIS WiFi PRO Upgrade kit for DFS1 owners. Includes Portable Application Link (PAL) with FOCIS WiFi PRO firmware, AC adapter, FOCIS WiFi holster, hard carry case.	FMPR-01-04XN-HC

FOCIS WiFi Kits with Adapter Tips and Cleaners

MODEL AND DESCRIPTION	AFL NO.
FOCIS WIFI VIEW KITS	
FOCIS WiFi VIEW UPC kit. Includes DFS1 Digital FiberScope, Portable Application Link (PAL) with FOCIS WiFi VIEW firmware, adapter tips (1.25 & 2.5 mm, SC/FC, LC), adapter tip box, One-Click Mini-100 SC/ST/FC, One-Click Mini-100 LC/MU, AC adapter, FOCIS WiFi holster, hard carry case.	FMVU-00-04XU
FOCIS WiFi VIEW APC kit. Includes DFS1 Digital FiberScope, Portable Application Link (PAL) with FOCIS WiFi VIEW firmware, adapter tips (2.5 mm, SC/APC, FC/APC), adapter tip box, One-Click Mini-100 SC/ST/FC, AC adapter, FOCIS WiFi holster, hard carry case.	FMVU-00-04XA
FOCIS WiFi VIEW MPO kit. Includes DFS1 Digital FiberScope, Portable Application Link (PAL) with FOCIS WiFi VIEW firmware, MTP/PC and MTP/APC adapter tips, One-Click Cleaner MPO, AC adapter, FOCIS WiFi holster, hard carry case, adapter tip box.	FMVU-00-04XM
FOCIS WIFI PLUS KITS	
FOCIS WiFi PLUS UPC kit. Includes DFS1 Digital FiberScope, Portable Application Link (PAL) with FOCIS WiFi PLUS firmware, adapter tips (1.25 & 2.5 mm, SC/FC, LC), adapter tip box, One-Click Mini-100 SC/ST/FC, One-Click Mini-100 LC/MU, AC adapter, FOCIS WiFi holster, hard carry case.	FMPL-00-04XU
FOCIS WiFi PLUS APC kit. Includes DFS1 Digital FiberScope, Portable Application Link (PAL) with FOCIS WiFi PLUS firmware, adapter tips (2.5 mm, SC/APC, FC/APC), adapter tip box, One-Click Mini-100 SC/ST/FC, AC adapter, FOCIS WiFi holster, hard carry case.	FMPL-00-04XA
FOCIS WiFi PLUS MPO kit. Includes DFS1 Digital FiberScope, Portable Application Link (PAL) with FOCIS WiFi PLUS firmware, MTP/PC and MTP/APC adapter tips, One-Click Cleaner MPO, AC adapter, FOCIS WiFi holster, hard carry case, adapter tip box.	FMPL-00-04XM
FOCIS WIFI PRO KITS	
FOCIS WiFi PRO UPC kit. Includes DFS1 Digital FiberScope, Portable Application Link (PAL) with FOCIS WiFi PRO firmware, adapter tips (1.25 & 2.5 mm, SC/FC, LC), adapter tip box, One-Click Mini-100 SC/ST/FC, One-Click Mini-100 LC/MU, AC adapter, FOCIS WiFi holster, hard carry case.	FMPR-00-04XU
FOCIS WiFi PRO APC kit. Includes DFS1 Digital FiberScope, Portable Application Link (PAL) with FOCIS WiFi PRO firmware, adapter tips (2.5 mm, SC/APC, FC/APC), adapter tip box, One-Click Mini-100 SC/ST/FC, AC adapter, FOCIS WiFi holster, hard carry case.	FMPR-00-04XA
FOCIS WiFi PRO MPO kit. Includes DFS1 Digital FiberScope, Portable Application Link (PAL) with FOCIS WiFi PRO firmware, MTP/PC and MTP/APC adapter tips, One-Click Cleaner MPO, AC adapter, FOCIS WiFi holster, hard carry case, adapter tip box.	FMPR-00-04XM
FOCIS WiFi PRO Data Center kit. Includes DFS1 Digital FiberScope, Portable Application Link (PAL) with FOCIS WiFi PRO firmware, adapter tips (MTP/PC, MTP/APC, 1.25 mm, LC/PC, One-Click MPO, One-Click Mini-100 LC/MU, AC adapter, FOCIS WiFi holster, hard carry case, adapter tip box.	FMPR-00-04XD

International Sales and Service Contact Information

Available at www.AFLglobal.com/Test/Contacts