

## FOCIS WiFi PRO Fiber Optic Connector Inspection System



### Features

- Automatic analysis of fiber connector integrity
- IEC 61300-3-35, AT&T TP-76461 and user-defined pass/fail criteria
- 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
- Generate inspection reports using included TRM® 2.0

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

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.

The FOCIS WiFi system consists of the proven DFS1 Digital FiberScope and a Portable Application Link WiFi unit. It also includes AFL FOCIS application software available for iPhone and iPad as well as Android smart devices. The AFL FOCIS application software enables users to view live images on their smart devices, save, recall and share saved end-face images via e-mail, text of text attachment and mobile cloud applications like Dropbox and Google Drive.

Test reports including saved inspection results may be generated using TRM 2.0 Test Results Manager software supplied with each FOCIS WiFi Kit.



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Android is a trademark of Google Inc.

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## Specifications<sup>a</sup>

### DFS1 Digital FiberScope

OPTICAL AND VIDEO 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 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	1.3 µm particles and scratches
OS Compatibility	Android 2.3 and newer, iOS7 and newer

### Portable Application Link (PAL)

WiFi CHARACTERISTICS	
Protocol	IEEE 802.11 b/g/n
Frequency/Channel	2.4 - 2.4835 GHz
SSID	Broadcast On: AFL_ "9 digit serial number"
Range	2.4 meters minimum
PHYSICAL AND POWER CHARACTERISTICS	
Battery Type	Internal Li-ion, 5200 mAh rechargeable
Battery 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
Dimensions	93.8 x 43.1 x 26.0 mm
Weight	129 g
Video Probe connector	USB 2.0 (female)
Network Connector(OEMuseonly)	RG-45

### Environmental Performance

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

## Ordering Information

KIT MODEL	INCLUDES							AFL NO.
	Devices		Accessories			Carry Case		
	DFS1 <sup>b</sup>	PAL <sup>c</sup>	Adapter Tips	Tips Box	One-Click Cleaner	Hard	Soft	
UPC Kit	◆	◆	1.25 mm, 2.5 mm, SC/FC, LC	◆	Mini-100 SC/ST/FC, Mini-100 LC/MU	◆		FMPR-00-04XU
APC Kit	◆	◆	2.5 mm, SC/APC, FC/APC	◆	Mini-100 SC/ST/FC	◆		FMPR-00-04XA
MPO Kit	◆	◆	MTP/PC, MTP/APC	◆	MPO	◆		FMPR-00-04XM
Data Center Kit	◆	◆	1.25 mm, MTP/PC, MTP/APC, LC	◆	MPO, Mini-100 LC/MU	◆		FMPR-00-04XD
Basic Kit, Hard Case	◆	◆		◆		◆		FMPR-00-04XN-HC
Upgrade Kit <sup>d</sup> , Hard Case		◆				◆		FMPR-01-04XN-HC
Basic Kit, Soft Case	◆	◆		◆			◆	FMPR-00-04XN
Upgrade Kit <sup>d</sup> , Soft Case		◆					◆	FMPR-01-04XN

### Notes:

- All specifications valid at 23°C ±2°C (73.4°F ±3.6°F) unless otherwise specified.
- DFS1 Digital FiberScope.
- Portable Application Link (PAL) with FOCIS WiFi PRO firmware, AC adapter, and FOCIS WiFi holster.
- Upgrade Kit for DFS1 owners.



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