FLUKE networks

The System for Certifying, Managing and Reporting on your Cabling Installation Projects
www.flukenetworks.com/Versiv

VERSIV™
Cabling Certification System

Certify

DSX CableAnalyzer™ Series Copper Certification

- Unmatched speed for Cat 5-8
- Graphically displays the source of failures including crosstalk, return loss and shield faults
- Meets TIA 2G and IEC Level V—the most stringent accuracy requirements
- Endorsed by cabling vendors worldwide

CertiFiber® Pro Optical Loss Test Set

- Fastest time to certify—two fibers at two wavelengths in six seconds
- Encircled Flux compliant
- Single module performs both SM and MM testing
- SM testing to 130 km
- Built-in Visual Fault Locator
- SYSTIMAX Fiber Performance Calculator

OptiFiber® Pro Series OTDRs

- Supports LAN, datacenters, PON, FTTx and outside plant applications
- Automated setup of measurement parameters
- Manual Expert mode allows easy adjustments to automated settings for detailed testing
- EventMap™ automatically identifies events including connectors, splices, bends, and splitters
- Gesture-based interface allows fast, in-depth trace analysis

FI-7000 FiberInspector™ Pro

- Automated Pass/Fail certification of fiber optic connector end-faces
- Graphical indication of problem areas
- Compliant with IEC 61300-3-35
- Fully documents results using LinkWare™ PC or LinkWare™ Live

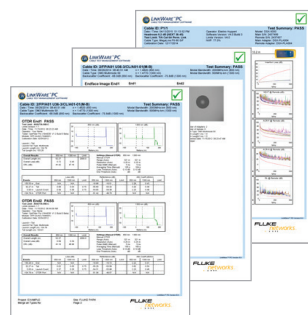## Manage

LinkWare™ Live Certification Management

- Upload and consolidate test results from remote sites
- Track project status from smart devices
- Create and manage test setups and cable ID's
- Track last location used and calibration status of your entire fleet

FI-3000 FiberInspector™ Pro MPO Inspection Camera

- Total MPO endface visibility with Live View from full trunk to individual endface
- Integrates with Versiv* / LinkWare for operation and documentation or with mobile phones for testing and sharing
- Automated pass/fail results
- Multiple Autofocus/Autocentering Camera design for real time imaging
- Rugged, ergonomic design with convenient holster
- Supports one or two rows of 8,12, or 16 UPC or APC connectors as well as single fibers*

*Versiv and single fiber support available second half 2019

Report

LinkWare™ PC Cable Test Management Software

- Electronically save, maintain and archive test results
- Generate professional, customizable reports
- Provides a statistical view of your entire cable plant's performance
- Compliant with TIA 606-B

CERTIFICATION, TROUBLESHOOTING and INSTALLATION tools
for professionals who install and maintain critical network cabling infrastructure.

Featured Copper Cable Test Solutions
www.flukenetworks.com/CopperTestingTools

CableIQ™ Qualification Tester

- Works on live networks to provide Ethernet switch detection and link configuration
- Measure cabling performance (10/100/1000 Mbps)
- Diagnose opens, shorts, split pairs, insertion loss, crosstalk, noise issues
- Graphically maps wiring configuration and shows distance to faults
- Tests twisted-pair, coax, and audio
- Locate and trace cables with IntelliTone 200 Digital Probe (included with CIQ-KIT)

MicroScanner™ Series

- Displays cable length, wiremap, cable ID, and distance to fault
- Detects the PoE class (0-8) from 802.3 at, af, and bt switches, and available voltage
- Locates virtually any cable or wire pair with IntelliTone™ digital and analog toning
- Tests RJ11, RJ45, coax, with no adapters
- "Oversized" backlit LCD
- Displays network switch speeds up to 10G, as well as POTS

TS®100 Cable Fault Finder

- Measure cable length on spools
- Numeric distance display
- Identify pairs with SmartTone™ generation technology
- Identify and locate distance to opens and shorts
- Works on any two or more conductor cable up to 3,000 feet (915 meters)

MicroMapper™

- Simple verification of wiremaps and identification of faults with LEDs
- Tests twisted pair cables for open circuits, shorts, crossed pairs, reversed pairs and split pairs
- Remote identifier enables one-person testing
- Built-in tone generator for tracing installed cables hidden in walls, floors and ceilings. Works with Pro3000™ Tone and Probe (sold separately)

Fiber Fault Location, Power Meters, and Light Sources
www.flukenetworks.com/FiberInspectionTools

MultiFiber™ Pro MPO Loss Tester

- Automatic scanning and testing of all fibers in MPO connectors
- MM and SM versions available
- No more fan-out cords when testing MPO fiber trunks
- Easily interpret test results on 8 or 12 fibers with minimal navigation
- Automatically measures and reports polarity

SimpliFiber® Pro Power Meter / Light Source

- Multiple kit configurations with light sources for single mode, multimode and PON fiber optics
- Single-port, simultaneous dual-wavelength feature completes testing in half the time and saves measurements from both wavelengths into one record
- Min/Max capability automates tracking of intermittent power fluctuations

Fiber QuickMap™ / OneShot™ PRO

- Quickly and efficiently locate connections and breaks
- QuickMap tests MM fiber to 1,500 meters (4,921 ft)
- OneShot PRO tests SM fiber to 23 km (15 mi)
- Simple set-up
- Six-second test time—eliminates lengthy blind troubleshooting
- Large display shows loss in dB and distance in meters or feet

VisiFault™ Visual Fault Locator

- Locates tight bends, breaks and bad connectors
- Verifies polarity and identifies fibers
- Bright red visible laser light with continuous and flashing modes
- Ergonomic case survives drops, impacts and vibration

Copper Cable Toners and Probes

www.flukenetworks.com/CopperTestingTools

Pro3000™ Analog Tone and Probe Family

- **Clear:** Innovative filter technology blocks interference ("buzz") that makes tracing difficult ("F" models only)
- **Precise:** SmartTone™ technology provides five distinct tones for exact pair identification
- Sends loud tone up to 10 miles (16 kilometers) on most cables
- Loud speaker on probe makes the tone easier to hear through drywall, wood, and other enclosures
- Angled bed-of-nails clips allow easy access to individual pairs
- RJ-11 connector is ideal for use on telephone jacks

IntelliTone™ Pro 200 LAN Tone and Probe

- Digital toning eliminates noise and false signals
- SmartTone™ analog toning isolates individual wire pairs
- Locates cables safely and effectively on active networks
- Visible end-to-end continuity test
- Built in wire mapper
- Works on twisted pair, audio, and video cabling

	Pro3000F	Intelli-tone Pro	Micro-Mapper	TS100	Micro-Scanner PoE	CIQ-100
Port Information and Cable ID						
PoE Identification					✓	✓
Digital Toning		✓			✓	✓
PoE Power class (0-8)					✓	
Analog Toning	Noise Filtering	✓	✓	✓	✓	
SmartTone™	✓					
Switch Presence		✓			✓	✓
VDV Service Detection					✓	✓
Cable Verification						
Cable Wiremap		✓	✓		Graphical	Graphical
Cable Length				✓	✓	✓
Qualified Cabling Speed (10/100/1000/VoIP)						✓
Cable Troubleshooting						
Identify open/short	✓	✓	✓	✓	✓	✓
Distance to open/short				✓	✓	✓
Locate crosstalk fault						✓
Identify and locate impedance fault						✓

Fiber Cleaning and Inspection

www.flukenetworks.com/FiberInspectionTools

Fiber Optic Cleaning Kits

- Eliminates the #1 cause of fiber optic link failure: contamination
- Supports all fiber connector types in datacenter and campus environments
- Quick Cleaners—easily clean fiber end-faces and ports
- Solvent pen precisely dispenses specially formulated fiber optic cleaning solution
- Cards for convenient cleaning of fiber end-face

FI-500 FiberInspector™ Micro

- PortBright™ illumination to find ports in dark and dense panels
- Auto-focus for stable images in seconds
- Clearly displays MM and SM
- Includes 4 UPC tips (LC, SC, 1.25 mm and 2.50 mm)
- * See page 4 for our MPO Inspection Solution

Quick Clean™ Cleaners

- Available in 1.25 mm, 2.5 mm, and MPO styles
- Just push and the "click" lets you know it's done
- Clean over 500 end-faces per unit
- Tip extender to 208 mm for hard to reach connectors

Test Reference Cords (TRCs)

- Used for certifying cabling systems in accordance with standards
- Reference grade connectors

Fiber Launch Cables

- Used with OTDRs to characterize fiber links
- Standards compliant reference grade connectors

Termination Tools

www.flukenetworks.com/TerminationTools

Termination Tools and Adapters

Ergonomic design, high-quality materials and Fluke Networks quality for separating, stripping and cutting wire. Perfect tools for your every job.

Modular Crimper   Need-L-Lock™ Crimping Pliers   D-Snips™   Cable Strippers   Probe Pic   Can Wrenches   4 and 8 position Modular Adapters

Impact Tools

D914™ Series Impact Tools

- Hook, spudger and blade storage tools are built into the handle
- Select low impact for 24/26 gauge wire or high impact for 22-gauge wire
- Optional Phillips-head or flat screwdriver blade
- Supports a variety of torque tool bits and sockets
- Easy blade insertion, locks in place
- D914S features soft touch rubber handle and ergonomic design

JackRapid™ Punchdown Tool

- Terminate jacks eight times faster than traditional impact tools. The patented design seats and terminates all wires simultaneously. Built-in blade cuts off the excess wire eliminating the need for a secondary trim step
- High-quality, consistent terminations
- Ergonomic design reduces hand fatigue
- Convenient, built-in stripper
- Multiple versions support several jack manufacturers

Pro-Tool™ Kits

- Ergonomically designed Dur-a-Grip™ pouch for convenient tool storage on belt
- D914™ and D814™ industry standard punchdown tools make for solid terminations
- Easy to use cable stripper quickly rings and slits many types of cable
- Probe Pic checks for loose or damaged connections
- Cut and strip wire with Electricians' D-Snips™
- Three kit combinations available

Telephone Butt-In Test Sets

www.flukenetworks.com/ButtInTestSets

Comparison Chart

	TS®54 TDR	TS®52 PRO	TS®22A	TS®22	TS®25D	TS®30 / TS®120*	TS®19
TDR for distance to Open, Shorts	✓						
Built-in toner	✓						
Display—backlit LCD and glow-in-the-the dark keypad	✓	✓				LCD only	
Extended range high-impedance DataSafe™ operation in monitor mode	✓	✓			✓		
High-impedance DataSafe operation in monitor mode	✓	✓	✓		✓	✓	✓
Data lockout protection	✓	✓			✓		
DSL/POTS filtering technology	✓	✓			✓		
Low/high voltage indication	✓	✓			✓		
Low current (mA) indication	✓	✓			✓		
Over voltage and current protection	✓	✓	✓	✓	✓	✓	
Waterproof—exceeds American Military Spec. MIL-STD-810E	✓	✓					
RainSafe™—safe in severe weather conditions	✓	✓	✓	✓		✓	
DropSafe™—passes 20 foot (6 meter) drop test onto concrete	✓	✓	✓	✓		✓	
Stores nine 18-digit numbers in repertory dialer (speed dialing)	✓	✓	✓	✓	✓		

*TS120 for outside North America only. 67/33 break/make ratio.