Fiber Certification: OptiFiber®, CertiFiber®

OptiFiber Certifying OTDR

• Optifiber is the complete testing solution for premises fiber optic networks

• Troubleshoots and certifies fiber with Auto OTDR analysis, ChannelMap™, Loss/Length certification and 250x/400x fiber endface inspection

• Enhances visibility into premise, campus and metro networks with short event deadzones

• Manages and documents results with LinkWare™ Cable Test Management Software

• Boosts productivity with an easy-to-use interface and small, lightweight design

• Ruggedly built for demanding field use

OF-500-03 - Singlemode OTDR Kit
OF-500-15 - OptiFiber Smart Remote Certifying OTDR
OF-500-35 - Multimode & Singlemode OTDR Kit

CertiFiber

• Measures multimode fiber length and optical loss

• Measures optical power and loss at 850 nm and 1300 nm using LED dual-wavelength sources

• Saves 1000 Autotest results under customized job and circuit ID names

• Features a standards library for easy set-up

• Incorporates interchangeable connector adapters for simple network connection

• Manages and documents results with Linkware Cable Test Management Software

8240-04 - Multimode

Fiber Verification: SimpliFiber® Optical Loss Test Kits

SimpliFiber Optical Loss Test Kits

• Test singlemode and multimode links

• Verify system loss and power levels at 850 nm, 1300 nm, 1310 nm, 1550 nm with SimpliFiber Power Meter and Sources

• Inspect connector endfaces at 200X magnification with FT120 FiberViewer

• Locate cable faults, polarity and connector problems with VisiFault VFL

• Convenient carrying case provides protection and easy transport for all your verification tools

FTK400 - Complete Fiber Verification Kit
FTK300 - Multimode Fiber Verification Kit
FTK150 - Basic Fiber Verification Kit

VisiFault™ Visual Fault Locator

• Bright red visible laser light source

• Accelerates end-to-end fiber continuity checks

• Speeds fiber tracing and identification

• Simplifies fiber polarity verification

• Aids in location of fiber faults including tight bends, breaks and bad connectors

• Connects to 2.5 mm standard and 1.25 mm SFF connectors with optional adapter

VisiFault

Fiber Inspection: FiberInspector™ Pro, FiberViewers

FiberInspector™ Pro Video Microscope

• Easily inspects fiber connectors already installed on patch panels

• Quickly determines whether fiber connectors on a hardware device are clean and in good condition without disassembling the device

• Minimizes risk of eye exposure to harmful infared radiation

• Compatibility with standard ST, SC and FC connectors, and other connector types

• Dual magnification camera allows quick changes between 250X and 400X magnification in a single camera probe

FT600 - FiberInspector Pro

FiberViewer

• Visually inspects fiber endfaces

• Special safety filter minimizes risk of eye exposure from harmful infrared rays

• FT120 with 200X magnification

• FT140 with 400X magnification

• Includes backlight feature for easy viewing

FT120 – FiberViewer (200x)
FT140 – FiberViewer (400x)

Copper Certification: DTX CableAnalyzer™ Series

DTX CableAnalyzer Series:

• DTX significantly reduces total time to certify by as much as 33%

• Three times faster than existing testers with 9-second Cat 6 Autotest (DTX-1200, DTX-1800)

• Advanced time-saving diagnostics pinpoints fault and suggests corrective actions

• 900 MHz future-proofs your investment for applications such as 10 Gigabit Ethernet, Class F and CATV

• Resident fiber modules let you switch between copper and fiber with the push of a button

• Exceeds spec requirements for Cat 5e/6/6A and Class E/D/F with superior Level IV Accuracy

• Fast, reliable and rugged, with extended 12-hour battery life and color display; all enhance user productivity

• DTX Copper/Fiber Certification kits available; kits ship with DTX Fiber Modules (DTX-1800-M, DTX-1800-MS, DTX-1200-M, DTX-1200-MS, M=Multimode, MS=Multimode and Singlemode)

DTX-1800 – 900 MHz
DTX-1200 – 350 MHz
DTX-LT – 350 MHz

DTX Options and Accessories: Extend the capabilities of your DTX CableAnalyzer

DTX 10 Gig Kit

• DTX-10GKIT used with DTX-1800 is the only solution that is fully compliant with industry standards for 10 Gb/s Ethernet Certification

• Measures performance for 10 Gig Alien Crosstalk (ANEXT and AFEXT) performance in full compliance with the industry standards from 1 though 500 MHz

• Simplifies complex Alien Crosstalk link-to-link certification

• Is the only solution to identify problematic cable(s) within the same bundle due to link-to-link crosstalk

• Provides a summary print-out of test results of each selected disturbed (victim) link

DTX-10GKIT
DTX 10 Gig Kit

DTX Network Service Module (DTX-NSM)

• Verifies network service availability and link connectivity up to 1 GbE

• Verifies PoE – verifies availability and voltage levels for links connected to power sourcing equipment (PSE)

• Checks link utilization and error conditions

• Certifies cabling, verifies network availability and link connectivity and documents in one consolidated report

• Plugs into the back of the main unit of the DTX CableAnalyzer

DTX-NSM
Network Service Module

DTX Patch Cord Test Adapters

• Quickly verify whether a patch cord is fully compliant with the new TIA 568B/ ISO standards

• Check legacy patch cords to isolate faulty cords

• Test patch cords to ensure optimal network performance with greater channel throughput and greater system margin

DTX-PCU6S
Patch Cord Test Adapters

DTX Coax Test Adapters

• Test coaxial cabling systems including legacy data cabling (such as 10BASE-2 or 10BASE-5 Ethernet) and video distribution coaxial cabling

• Measure length, propagation delay, cable (input) impedance and insertion loss as a function of signal frequency (1 through 900 MHz)

DTX-COAX
Set of Coax Test Adapters

DTX Fiber Modules

• Add record-fast fiber certification and fault location to the DTX CableAnalyzer

• Test five times faster than competitive solutions with 12-second Autotest

• Fiber modules plug into the back of the DTX tester and are available when you need them

• Find faults quickly with built-in VFL for visual fiber troubleshooting

• Speed testing with TALK, FINDFIBER, MONITOR, bi-directional and single fiber test features

• Deliver Tier 1 fiber certification reports by uploading test results to LinkWare Cable Test Management Software

• Test more fiber in less time, saving more than 100 labor hours per year

DTX-MFM2 - Multimode 850 & 1300 nm
DTX-SFM2 - Singlemode 1310 & 1550 nm
DTX-GFM2 - Gigabit Multimode 850 & 1310 nm

Installation and Termination Tools

Pro-Tool™ Kits and Electrical Contractor Telecom Kits

• All the essential tools you need to cut, strip, clean and connect network phone and data lines to blocks and jacks

• Visit www.flukenetworks.com to see which Pro-Tool kit is right for you: IS60, IS50, IS40, IS25 or IS15; or our Electrical Contractor Telecom Kits I & II

Impact Tools

• Provide quality terminations on the first punch

• Accept all industry standard blades

• Visit www.flukenetworks.com to see which impact tool is right for you: D914S™, D914™ or D814® impact tools

JackRapid™ Punchdown Tool

• Allows you to terminate jacks eight times faster than traditional impact tools – with accuracy that's unmatched

• Go to www.flukenetworks.com/jackrapid to see available bladeheads for different jack manufacturers and models

EverSharp™ Blades

• Provide better terminations at the block through special processing of the metal, leading to quality installs

• The blades fit the D914S™, D914™, D814™ and D214™ Punchdown Tools

• Full line of standard blades also available, including 66, 110, 66/110 cut, BIX, Krone, etc.

Snips and Cutters

• Deliver quality clean cuts each time

• Choose our Electrician's D-Snips™ with long-tailed handle for better cutting leverage

Cable Strippers

• Full line of cable strippers offered

• Double slotted stripper for 22/24 gauge wire insulation

• Round cable stripper for a variety of flexible round cable

• Two-level or three-level coax strippers

D-Impactor™ Five-pair Impact Tool

• Simultaneously cuts and terminates five copper pairs on a 110 block

• Single reversible blade part (cut and no-cut are molded into one unit)

• Easy-to-use and reverse cutting blade

• Fewer moving parts allow for smoother push down, less hand stress

Modular Adapters

• Choose between in-line or standard modular adapters for a quick connection to modular telephone jacks

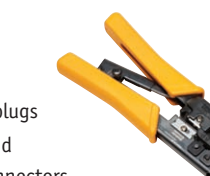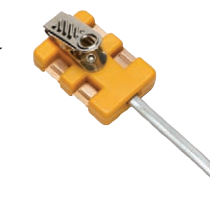• Optional rugged K-plug™ ends available

Need-L-Lock™ Pliers

• Patented four-in-one tool combines a UR/UY/UG crimper, needle nose pliers, wire stripper and cutter

• Rubber coated handles for non-slip grip

Modular Crimper

• All-in-one crimping tool for WESS type 6- and 8-position modular telephone plugs

• Crimps 8-position RJ-45 connectors and 4- and 6-position RJ-11 and RJ-12 connectors

• Embedded flat cable cutter and stripper

![Fluke Networks logo]

Copper Verification Tools

Copper Verification: MicroScanner® Pro, MicroMapper®, TS®90 & TS®100 Cable Fault Finders

MicroScanner® Pro
- The essential cable verification tester
- Troubleshoots Cat 5, Cat 5e and Cat 6 twisted-pair, coax, speaker wires and security networks
- Reduces cable troubleshooting time by up to 50% with true TDR (Time Domain Reflectometry)
- Verifies continuity and wiremap
- Pinpoints opens, shorts, reversed, crossed and split pairs
- Flashes hub and switch port lights
- Identifies active networking 10/100 Base-T hubs
- Identifies half or full duplex capability
- Match cables to offices during adds, moves, and changes with optional Office/Room ID Kit
- Generates tones to locate cables hidden in walls, ceilings, or wiring closet
- MicroScanner Pro includes wiremap and coax adapters
- MicroScanner Pro VDV Kit adds the IntelliTone Pro™ 100 Probe and office/room ID kit

MT-8200-24A - MicroScanner Pro VDV Kit

MT-8200-32A - MicroScanner Pro

MicroMapper®
- The fast, comprehensive LAN wiremap checker
- Tests twisted-pair cables for opens, shorts, crossed pairs, split pairs, or any miswires
- Easy-to-read fault display
- Verifies correct pin outs, wiremap
- Generates tones to locate cables hidden in walls, ceilings, or wiring closets
- Remote unit enables one-person testing of installed cables

MT-8200-49A - MicroMapper

TS®90 & TS®100 Cable Fault Finders
- Three tools in one – a fault locator, a cable inventory manager and a toner
- Uses patented SmartTone™ technology tone generator to positively identify pairs
- Instantly measures distance to open or any fault from one end of any cable pair
- Works on any two or more conductor cable up to 2,500 feet (3,000 feet for TS100)

26500090 – TS90 with BNC to alligator clips
26500500 – TS100 with BNC to banana to ABN
26500610 – TS100 metric with BNC to alligator clips

Network SuperVision™ Gold Support
- Outstanding privileges to protect and add value to your investment
- Unlimited tech assistance 24x7 via phone or web site
- No fee for repairs on covered items and overnight exchange/loaner units
- Free software and firmware upgrades
- Scheduled calibration and performance verification services
- Unlimited web-based training and discounted instructor-led and custom on-site training programs
- Access to our extensive Knowledge Base
- Gold "Members Only" promotions

**To see the full program details, visit
www.flukenetworks.com/goldsupport**

See how to ensure cable configuration quality with Fluke Networks' verification tools

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Copper Verification and Qualification Tools

Copper Verification: IntelliTone™ Pro Toner & Probe, Pro3000™ Analog Toner & Probe

NEW **IntelliTone Pro 100 Kit**
- Digital & analog signaling tackle the toughest cable location jobs with ease
- Digital signaling rejects background noise and works safely on active LANs
- Analog signaling isolates voice pairs and traces all low-voltage wiring
- Audible, visual signal indication simplifies cable location in noisy environments
- Diagnoses essential cable information with polarity, continuity, and talk battery
- Identifies and diagnoses POTS with Line 1 service & polarity

MT-8200-50A – IntelliTone Pro 100 Toner & Probe Kit
MT-8200-51A – IntelliTone Pro 100 Toner
MT-8200-53A – IntelliTone Pro 100 Probe

NEW **IntelliTone Pro 200 Kit** (Adds the following functionality)
- Identifies and diagnoses 10/100/1 Gb Ethernet link connectivity with NIC/hub indication
- Identifies and diagnoses POTS with Line 2 POTS service and polarity
- Verifies twisted-pair installation with CableMap capability which identifies common cable miswires
- Reduces time on the job and tool ownership costs by combining cable tracing, wiremapping and service detection in one tool

MT-8200-60A – IntelliTone Pro 200 Toner & Probe Kit
MT-8200-61A – IntelliTone Pro 200 Toner
MT-8200-63A – IntelliTone Pro 200 Probe

NEW **Pro3000™ Analog Toner & Probe Kit**
- Best choice for toning and tracing bare wire on non-active networks
- SmartTone™ technology generates five separate tones when the pair is shorted at the far end
- Line cord features Angled Bed-of-Nails clips and ruggedized RJ-11 plug for direct access to phone and data jacks without adapters

26000900 – Pro3000 Kit
26100900 – Pro3000 Probe
26200900 – Pro3000 Tone Generator

Copper Qualification

CableIQ™ Qualification Tester
- The first cabling bandwidth tester for network technicians
- Sees if your existing cabling can support Voice/10/100, VoIP or Gigabit Ethernet
- Troubleshoots why existing cabling plant can't support the desired network bandwidth
- Discovers what's at the end of any cable and switch displays device configuration (speed/duplex/pairing)
- Frees-up switch ports and identifies unused links
- Graphically maps wiring configuration and shows distance to faults with Intelligent Wiremap
- Tests all copper cabling media: twisted pair, coax, and audio cabling
- Locates and traces cable with IntelliTone Pro digital signaling technology

CIQ-KIT
CableIQ with IntelliTone 200 Probe

NEW **CableIQ Service Kit**
- All in one solution for network service technicians
- Includes all the tools technicians need to expedite problem resolution, perform high-quality moves/adds/changes/upgrades, and document their work

CIQ-SVC
CableIQ with LinkRunner Network Multimeter and IntelliTone 200 Probe

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Telephone Test Sets

Telephone Test Sets
- Verify analog dial tone with the most comprehensive line of telephone test sets to meet the voice and data demands of telecommunications technicians
- DropSafe™ reliability and RainSafe™ protection ensure maximum ruggedness, even in the most extreme conditions
- DataSafe™ technology is vital in preventing interruption of existing data traffic
- DSL/POTS filtering technology allows testing on the POTS side of a line even while data is present

TS®19 Test Set
- Basic indoor-use set
- Tone (DTMF) and pulse operation
- Last number redial
- Polarity indication in talk mode
- Economical test set for the in-house telecom technician

19800009
TS®19 Test Set with ABN

TS®22-Series Test Sets
- DropSafe™ durability, number storage, one-way amplified speaker
- RainSafe™ protection in severe weather conditions
- Stores nine 18-digit numbers in repertory dialer (speed dialing)
- TS®22 Test Set has an amplified speaker for hands-free monitoring
- TS®22A Test Set adds two-way speakerphone and DataSafe™ operation

22800009
TS®22 Test Set with ABN
22801009
TS®22A Test Set with ABN

TS®25D Test Set
- Caller ID, analog tone generation capability, DTMF digit grabbing, DataSafe™ operation
- Amplified speakers for hands-free monitoring
- Data lockout and data lockout override
- Talk battery to power voice conversation on dry (non-powered) lines
- Kit version includes pouch and earpiece

25501009
TS®25D Test Set with ABN
25501109
TS®25D Test Set with ABN kit (includes pouch and earpiece)

TS®30 Test Set
- Basic rugged set with DropSafe™ durability and DataSafe™ operation
- Mute switch
- Last number redial
- TS®120 Test Set alternative for outside of N. America only (with 67/33 break/make ratio)

30800009
TS®30 Test Set with ABN
12001005
TS®120 Test Set with alligator clips (for outside of N. America only)

TS®40-Series Test Sets
- TS®42DLX offers DropSafe™ durability, waterproof, number storage, current & voltage indications, DataSafe™ operation, two-way speakerphone
- TS®44DLX Test Set adds data lockout and lockout override functionality
- Advanced testing functions for low/high voltage and low (mA) current
- Always-on Monitor Mode

44801009
TS®44DLX Test Set with ABN
42801009
TS®42DLX Test Set with ABN