DTX CableAnalyzer Series

FLUKE NETWORKS

Fluke Networks' DTX CableAnalyzer Series combines powerful speed and unprecedented accuracy that no other certification tester can match. Certify a Cat 6 link faster with a 9-second Cat 6 Autotest and Level III accuracy. This revolutionary platform combines unmatched copper certification with onboard fiber OLTS and OTDR modules, easy-to-understand diagnostics, 12-hour battery life, a bright color display and nearly instant setup and reporting. It reduces total time to certify, savings you can see on your bottom line - as much as 33 percent of certification costs per year. DTX - It's all about time!

FEATURES

- Exceeds standard requirements for Cat 5e/6/6A/Class E/E_A/F/F_A certification testing
- Advanced time-saving diagnostics pinpoints faults invisible to other testers
- Third-party verified to meet ANSI/TIA-1152 and IEC 61935-1 for Level IIe, III, IIIe, IV accuracy
- Onboard OTDR or OLTS modules for fiber certification to ANSI/TIA and ISO standards
- Fast, reliable and rugged with extended 12-hour battery life and color display enhance user productivity
- The choice of network owners, cabling manufacturers and contractors for performance audits

DIGITAL CABLE ANALYZERS

Anixter No.	Vendor No.	Description
280602	DTX-1800 120	900 MHz with 9-second Cat 6 Autotest; includes smart remote, permanent link and channel adapters, MMC card, USB port
479732	DTX-1800120/GLD	DTX-1800 CableAnalyzer with one year of Gold Support
280630	DTX-1800-M 120	DTX-1800 CableAnalyzer with multimode DTX fiber modules
280631	DTX-1800-MS 120	DTX-1800 CableAnalyzer with multimode and single-mode DTX fiber modules
479733	DTX-1800-M120/GLD	DTX-1800 with multimode fiber modules and one year of Gold Support
348996	DTX-1800-MSO 120	Complete DTX-1800 copper/fiber/OTDR certification kit
479734	DTX-1800-MS120/GLD	DTX-1800 with multimode and single-mode fiber modules and one year of Gold Support
376839	DTX-1800-MO 120	Complete DTX-1800 copper/fiber certification kit

Anixter No.	Vendor No.	Description
485557	DTX-1800MSO120/GLD	Complete DTX-1800 copper/fiber/OTDR certification kit, plus one year of Gold Support
280613	DTX-1800/SR	DTX-1800 Smart Remote add-on
280615	DTX-LT/SR	DTX-LT Smart Remote add-on
326847	DTX-MFM2	DTX multimode fiber modules - set of two
326853	DTX-GFM2	DTX gigabit multimode fiber modules - set of two
326854	DTX-SFM2	DTX single-mode fiber modules - set of two
441698	DTX-PC5ES	DTX patch cord test adapter set for Cat 5e patch cord testing
441699	DTX-PC6S	DTX patch cord test adapter set for Cat 6 patch cord testing
441700	DTX-PC6AS	DTX patch cord test adapter set for Cat 6A patch cord testing

GOLD SUPPORT

DTX and Gold bundles include a comprehensive maintenance and support program for those that cannot afford downtime and are most committed to maintaining their equipment to the highest standards Gold members are entitled to:
- a free annual calibration and factory refresh with paid shipping and loaner
- priority first-in-queue 24/7 technical assistance via members-only hotline
- free firmware/software upgrades with priority notification
- free accessory replacement
- first-on-bench priority repair with paid next-day shipping and loaner
- member-only training, promotions and resources
- Gold Support pays for itself and you get an even better deal when you purchase the DTX and Gold together

Anixter No.	Vendor No.	Description
280632	GLD-DTX	DTX CableAnalyzer one year Gold Support
374470	GLD-DTX-3YEAR	DTX CableAnalyzer and three years of Gold Support
485586	GLD-DTX-M	DTX-1800-M or DTX-1200-M with one year of Gold Support
433239	GLD-DTX-MS-3YR	DTX-1800-MS or DTX-1200-MS with three years of Gold Support
280633	GLD-DTX-FIBERMOD	One-year Gold Support for DTX fiber module set
374473	GLD-DTXFMOD-3YEAR	DTX fiber module with three years of Gold Support
374475	GLD-DTX-MSO	DTX-1800 MSO with one year of Gold Support
490632	GLD-DTX-MSO-3YR	DTX-1800 MSO three year of Gold Support
398917	GLD-DTX-MO	DTX-1800 MO with one year of Gold Support
433238	GLD-DTX-MO-3YR	DTX-1800 MO with three years of Gold Support
433237	GLD-DTX-KIT	DTX-10GKIT or DTX-AXKIT with one year of Gold Support

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14.1

Test Equipment

DTX CableAnalyzer OTDR Module

FLUKE NETWORKS

Fluke Networks' compact OTDR module is the latest enhancement to the DTX CableAnalyzer - a revolutionary test platform. In addition to performing copper certification and diagnostics, your team can become fiber-test experts when you decide to grow your business and turn your cable tester into an OTDR. This full-featured, compact OTDR module snaps onto a DTX CableAnalyzer and provides unmatched ease of use for premises fiber testing. Choose a kit that includes a DTX mainframe and Smart Remote, options for copper certification, optical loss/length capability, or order a module and software that can be installed on your own DTX CableAnalyzer.

FEATURES
- Test and troubleshoot fiber like an expert with the easy-to-use DTX compact OTDR
- Shoot OTDR traces on single-mode and multimode links at 850 nm, 1300 nm, 1310 nm and 1550 nm
- Perform basic loss/length certification and extended (OTDR trace) certification with one powerful cable tester
- Diagnose hard-to-find fiber failures with DTX compact OTDR and resolve simple cable faults and polarity problems with built-in VFL
- Produce professional certification test reports with LinkWare results-management software

Anixter No.	Vendor No.	Description
348997	DTX-QUAD-OTDR	DTX compact OTDR kit with mainframe
348998	DTX-OTDR-KIT	DTX compact OTDR kit
348999	DTX-OTDR/LL-KIT	Complete DTX fiber certification add-on kit
349000	DTX-OTDR-QMOD	DTX compact OTDR

GOLD SUPPORT

Anixter No.	Vendor No.	Description
395550	GLD-DTX-OTDR	DTX-OTDR and DTX-OTDR-KIT with one year of Gold Support
485594	GLD-DTX-OTDR-3YR	DTX-OTDR-QMOD and DTX-OTDR-KIT with three years of Gold Support

Next-generation Certifier

JDSU

JDSU Test and Measurement's NGC Cable Certifier has the highest-frequency sweep on the market, sweeping up to 1,600 MHz to protect your investment. The revolutionary Touch2 design, with intuitive touch screen at both ends, makes using the Certifier40G the easiest ANSI/TIA cable certifier. Minimize time spent transferring results off the tester with the capacity to store more than 2,000 full Cat 6A graph results as well as transfer data via the USB flash drive. The full screen at both ends allows users in the field to minimize their walking time by initiating, configuring and storing tests from either side of a link or channel. The platform combines the ability to certify copper as well as perform optical loss test with fiber modules.

FEATURES
- Surpasses ANSI/TIA-568 requirements for Cat 5/5e/6/6A and Class E/E_A/F_A/F certification testing
- Exceeds ANSI/TIA-1152 Level IV accuracy over the full Class F_A spectrum
- Revolutionary large touch screen with Touch2 two-ended control
- Fastest Cat 6A/Class F_A test with 9-second Cat 6A test time and 15-second Class F_A test
- Easy-to-use integrated planning software
- Tier 1 fiber-testing modules available for multimode or single-mode fiber testing

CERTIFIER40G

Anixter No.	Vendor No.	Description
434525	NGC-4500-FA-NA	1,600 MHz with 9-second Cat 6A and 15-second Class F_A certification with more than 500 MB flash memory and 1 GB USB flash drive included for flexible test record storage
441500	NGC-4500-MM-NA	Certifier40G Class F_A and MM kit: includes all items in NGC-4500-FA-NA with additional multimode fiber modules
441502	NGC-4500-MMSM-NA	Certifier40G Class F_A, MM and SM kit: includes all items in NGC-4500-FA-NA with additional multimode and single-mode fiber modules
441709	NGC-4500-MM2	Certifier40G multimode adapter pair
441710	NGC-4500-SM2	Certifier40G single-mode adapter pair
434526	NGC-4500-6ACH2	Certifier40G Cat 6A channel adapter pair
441711	NGC-4500-6ALINT1	Cat 6A permanent link interface adapter. When mated to Cat 6A permanent link test cord, supports Cat 6A (and below) permanent link certification testing

Anixter No.	Vendor No.	Description
441712	NGC-4500-6ALCORD1	Cat 6A permanent link test cord. When mated to Cat 6A permanent link interface adapter NGC-4500-6ALINT1, supports Cat 6A (and below) permanent link certification testing
441713	NGC-4500-BAT1	Battery pack for Certifier40G

MAXCARE

Anixter No.	Vendor No.	Description
441714	NGC-4500-FA-EW	Extension of standard warranty for one year
441715	NGC-4500-FA-MC1Y	MaxCare first year: service package includes annual calibration, accessory replacement and loaner units during first year
441716	NGC-4500-FA-MC	MaxCare: service package includes extended warranty, tech support, annual calibration, accessory replacement and loaner units
441717	NGC-4500-FA-MC3	MaxCare first three years: service package includes extended warranty, tech support, annual calibration, accessory replacement and loaner units for first three years

LanTEK II Series Cable Certifiers

IDEAL INDUSTRIES

The IDEAL LanTEK II series cable certifiers offer speed, performance and accuracy at a great price. Eleven-second Cat 5e and 14 second Cat 6 tests with full performance data, plus 10 gigabit alien crosstalk testing that's more than four times faster, make LanTEK II the ultimate copper certification platform. The patented universal adapter system lets you certify most cabling with off-the-shelf patch cords saving time and money by eliminating the need for proprietary permanent link adapters.

The new optional FiberTEK FDX modules give extraordinary, fast fiber testing with the first dual wavelength, bi-directional fiber certification capability. The new IDEAL DataCENTER (IDC) software puts the power in the fingertips of the user. The main test grid display can be customized and sorted by virtually any test parameter. IDC offers many reporting options such as detailed, brief and single line report, plus export data in XML, CSV or PDF format making it the most user-friendly and powerful cable reporting software on the market today.

All testers include LanTEK II display and remote handset, two smart lithium-ion batteries, two 110-240 V power adapters with U.S./EU/UK plugs, lockable semi-rigid carrying case, Cat 6A/FTP patch cords, USB cable, DataCENTER data management and reporting software, two headsets, hanging straps and ETL accuracy certificate.

FEATURES

- Three models are available at 350 MHz, 500 MHz and 1,000 MHz for the best performance and price options, all with accuracy independently verified by ETL
- High-speed testing saves time and money
- The most internal memory available - store more than 1,700 Category 6/ISO E tests with graphics
- Patented testing method which eliminates expensive permanent link adapters and tests with patch cords for most installations
- Large, ultra-bright display - a 4.3 in. wide-screen display with white LED backlighting provides easy viewing of high-frequency data plots
- 350 MHz and 500 MHz models are fully upgradable to 1,000 MHz
- Smart lithium-ion battery technology - 18-hour battery life with self-calibrating "fuel gauge" for accurate capacity readings

Anixter No.	Vendor No.	Description
386921	33-991	LanTEK II-350, ANSI/TIA/ISO/IEC Cat 6, Class E certifier with Cat 6 adapters
386923	33-992	LanTEK II-500, ANSI/TIA/ISO/IEC Cat 6A, Class E_A certifier with Cat 6A adapters
386924	33-993	LanTEK II-1000, ANSI/TIA/ISO/IEC Cat 7A, Class F/F_A certifier with Cat 6A adapters
442368	33-993-FA01	LanTEK II-1000 with MM LED FiberTEK FDX kit
442369	33-993-FA02	LanTEK II-1000 with MM VSCEL/laser FiberTEK FDX kit
442370	33-993-FA03	LanTEK II-1000 with SM laser FiberTEK FDX kit
442371	33-993-FA04	LanTEK II-1000 with MM LED and SM laser FiberTEK FDX kit
442372	33-993-FA05	LanTEK II-1000 with MM VSCEL and SM laser FiberTEK FDX kit
442373	LT2-CP-3	Three-year care plan for LanTEK II. Three-year warranty, annual calibration and accessory replacement

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14.3

Cable Certification

10 Gigabit Alien-crosstalk Testing Kit

IDEAL INDUSTRIES

Perform a standard 6-around-1 cable test with PS ANEXT and PS AACR-F results for both ends of the cable in as little as 5 1/2 minutes compared to more than 20 minutes for some competitive units.

FEATURES

- Add alien-crosstalk testing capability to any LanTEK 6A, LanTEK 7G, LanTEK II-500 or LanTEK II-1000 tester
- Perform PS alien NEXT and attenuation to alien-crosstalk ratio measurements
- Unique dual-port AXT adapter allows PS ANEXT testing with just one handset for quick initial site testing
- Dual-handset mode allows complete AXT certification four times faster than other AXT test systems
- No PC required in the field - all test results calculated on-the-fly for instant pass/fail indication
- Kit includes two dual-port AXT adapters, 12 AXT terminators, shielded patch cords, manual, firmware update and PC reporting software

Anixter No.	Vendor No.	Description
383357	LANTEK10GBKIT	Alien-crosstalk testing kit

FiberTEK FDX Testing Kits

IDEAL INDUSTRIES

The FiberTEK FDX option allows users to add full Tier 1, standards-compliant certification capability to IDEAL LanTEK II certifiers. Tier 1 certification utilizes a light source and power meter to measure the power loss of optical cabling. The only solution that completely eliminates the need to swap fiber or modules, allowing complete one-step certification of horizontal and backbone cabling, twice as fast as any other fiber certification testers.

Contents include two FiberTEK FDX modules, lockable semirigid carrying case, SC, FC and ST adapters for modules (two each), SC-SC patch cords (multimode kits: 3 x 62.5 μm, 3 x 50 μm; single-mode kits: 3 x 9 μm SMF)-compliant to the ISO/IEC 14763-3 standard, quick reference guide and electronic operation manual.

FEATURES

- Complies with ANSI/TIA/ISO/IEC certification standards
- Four attenuation measurements plus length in one press of the Autotest button
- Available with both LED and VCSEL/laser multimode sources for 10/100 Mbps or 1/10G certification
- Real-time power meter to aid in troubleshooting active equipment
- Field-changeable adapters (SC, ST and FC) eliminate the need to carry multiple hybrid launch cords

Anixter No.	Vendor No.	Description
386941	33-990-FA01	Multimode (850/1300 nm) kit with LED light sources for standard multimode fiber, 850 nm LED and 1300 nm LED
386942	33-990-FA02	Multimode (850/1300 nm) kit with VCSEL/laser light sources for laser-optimized fiber, 850 nm VCSEL, 1300 nm FP laser
386943	33-990-FA03	Single-mode (1310/1550 nm) kit with laser light sources for single-mode fiber, 1310 nm FP laser and 1550 FP laser
386944	33-990-FA04	Combination multimode/single-mode with LED multimode sources and laser single-mode sources (part numbers 386941 and 386943)
386946	33-990-FA05	Combination multimode/single-mode kit with VCSEL/laser multimode sources and laser single-mode sources (part numbers 386942 and 386943)

PLANS

Three-year care plan for FiberTEK FDX. Three-year warranty, annual calibration

Anixter No.	Vendor No.	Description
442375	FDX-CP-3	For FA01, FA02 and FA03 kits
442376	FDX2-CP-3	For FA04 and FA05 kits

X-GIG SAS/SAN/SATA Tester

JDSU

The JDSU storage network test solutions are the premier tools available for supporting deployment and diagnostic/troubleshooting requirements of storage area networks within the data center. Solutions exist for support of native Fibre Channel SANs as well as converged Ethernet environments that are using Fibre Channel over Ethernet (FCoE). Solutions also exist for stand-alone storage analysis requirements for everything from SD/SDIO/MMC to CompactFlash to USB technologies.

FEATURES
- Detailed protocol analysis and decode of all storage technologies
- Fibre Channel support for 1, 2, 4, 8 and 10G speeds
- Ethernet support for 1 and 10G speeds
- SAS/SATA support for 1.5, 3.0 and 6.0G speeds
- Analyzer, data generation and SAN fabric load testing up to 100 percent bandwidth

For more information, part-number configurations and adapters, contact your local sales office.

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14.5

Test Equipment

Network Analysis/Testing

OptiView XG Network Analysis Tablet

FLUKE NETWORKS

Network engineer's tablet with dedicated custom hardware for automated network and application analysis in the deployment and troubleshooting of new technologies. Unique features including proactive analysis, path analysis and application-centric analysis get to root cause faster than ever before.

FEATURES

- Tablet form factor with powerful consolidated functionalities providing automated analysis for 10/100 Mbps, 1/10 Gbps and 802.11a/b/g/n wireless LANs
- Intuitive user interface with smart navigation and built-in intelligent guided problem solving plus user customizable dashboards providing the flexibility to view data as needed
- Application-centric analysis providing a high-level view of the health of the applications on the network with the capability to analyze the performance of the network infrastructure's underlying business-critical applications (path analysis) to ensure a consistent end-user experience
- Guided troubleshooting with automated diagnostics and granular data to solve problems before they escalate
- Detailed, fast network discovery for instant visibility of what's out there and where it's connected in minutes

OPTIVIEW XG

Anixter No.	Vendor No.	Description
441260	OPVXG	OptiView XG - network analysis tablet (GIG)
444703	OPVXG/GLD	OptiView XG - network analysis tablet (GIG) with one year of Gold Support (also available in three-year coverage: OPVXG/GLD3)
441261	OPVXG-10G	OptiView XG - network analysis tablet (10 GIG)
444710	OPVXG-10G/GLD	OptiView XG - network analysis tablet (10 GIG) with one year of Gold Support (also available in three-year coverage: OPVXG-10G/GLD3)
441262	OPVXG-PRO	OptiView XG - network analysis tablet (GIG) with Wi-Fi analyzer and Spectrum XT
444724	OPVXG-PRO/GLD	OptiView XG - network analysis tablet (GIG) with Wi-Fi analyzer and Spectrum XT with one year of Gold Support (also available in three-year coverage: OPVXG-PRO/GLD3)

Anixter No.	Vendor No.	Description
441263	OPVXG-EXPT	OptiView XG - network analysis tablet (10 GIG) with Wi-Fi analyzer and Spectrum XT
444722	OPVXG-EXPT/GLD	OptiView XG - network analysis tablet (10 GIG) with Wi-Fi analyzer and Spectrum XT with one year of Gold Support (also available in three-year coverage: OPVXG-EXPT/GLD3)

GOLD SUPPORT

Anixter No.	Vendor No.	Description
443522	GLD-OPVXG	OPVXG: One year of Gold Support
443529	GLD3-OPVXG	OPVXG: Three years of Gold Support
443523	GLD-OPVXG-10G	OPVXG-10G: One year of Gold Support
443530	GLD3-OPVXG-10G	OPVXG-10G: Three years of Gold Support
443524	GLD-OPVXG-PRO	OPVXG -PRO: One year of Gold Support
443531	GLD3-OPVXG-PRO	OPVXG -PRO: Three years of Gold Support
443525	GLD-OPVXG-EXPT	OPVXG- EXPT: One year of Gold Support
443532	GLD3-OPVXG-EXPT	OPVXG- EXPT: Three years of Gold Support

> Please contact your local sales representative for more information on the OptiView XG Network Analysis Tablet. Your sales representative can help you choose models, options, accessories and Gold Supervision support programs to suit your needs.

Enterprise Services Application Module (ESAM) for the T-BERD/MTS-4000 Platform

JDSU

The Enterprise Services Application Module (ESAM) from JDSU addresses the challenge of maintaining network availability. The ESAM is designed for JDSU's T-BERD 4000 platform, which recently won the "Best in Test" award from Test and Measurement World in the Communications Network Test category.

The ESAM provides the industry's broadest range of enterprise-testing capabilities for IT organizations that require a tool to quickly isolate and resolve network issues, which reduces network downtime, lost productivity and associated costs.

FEATURES

- Verify that copper cables support Gigabit Ethernet
- Test network connectivity
- Discover network devices
- Analyze network utilization and traffic patterns
- Use Wireshark to analyze captured PCAP files at wirespeed
- Provides Layer 1-7 protocol capture and expert analysis
- Offers wirespeed deep packet statistics and analysis

- A modular platform with many options:
  - VoIP phone emulation
  - Optical power meter/visual fault locator/OTDR module
  - Fiber inspection probe with automated pass/fail
  - Wi-Fi testing

ESAM WITH T-BERD 4000 BASE

Anixter No.	Vendor No.	Description
441728	TB4-DIS-LAN	ESAM with T-BERD 4000 base
441730	TB4-DIS-LANVOIPWLAN	With VoIP and Wi-Fi
441731	TB4000-GOVT-LAN	With VoIP CISCO and UNISTIM call manager software
441732	TB4-DIS-LANOPMVFL	With OPM, VFL and scope
441733	TB4-DIS-LANPKG	With VoIP, Wi-Fi, OPM, VFL and scope

ACCESSORIES

Anixter No.	Vendor No.	Description
441738	FBP-SD01	Digital fiber inspection probe microscope (USB 2.0), FiberChek2 software, interchangeable FBPT inspection tips (4) in hard case, SC and LC bulkhead tips, 1.25 mm patch cord tips and hard-sided carrying case

> For more information and part-number configurations, contact your local sales office.

EtherScope Series II Network Assistant

FLUKE NETWORKS

A handheld Gigabit LAN and 802.11 wireless LAN analyzer that assists network professionals with installation, validation and troubleshooting. Install and integrate infrastructure easily by testing, verifying and fixing configuration issues during deployment. Validate network performance and service delivery by measuring key performance attributes and the availability and responsiveness of essential resources. Diagnose LAN health with one click. Close trouble tickets fast with guided drill-downs to the root cause. Audit the performance of the network on a regular, periodic basis to identify and correct emerging issues. The EtherScope Network Assistant makes testing so simple practically anyone can troubleshoot problems instantly.

FEATURES

- Analyze Gigabit twisted-pair and fiber optic LANs, and 802.11 wireless LANs
- Troubleshoot problems fast with guided analysis and intelligent drill-downs
- Measure and assess Ethernet LAN/WAN link performance and SLA compliance
- Validate the availability and responsiveness of LAN services

Anixter No.	Vendor No.	Description
328391	ES2-LAN-SX	LAN analyzer with fiber option: Series II mainframe, 1000BASE-SX transceiver, protective boot, carrying strap, rechargeable Li-Ion battery pack, AC adapter/battery charger, CompactFlash card, remote wiremap adapter (ID #1), patch cable, RJ45 adapter, Getting Started Guide, resource CD and carrying case
415189	ES2-PRO-SX/I-ACK	LAN and WLAN analyzer with fiber and ProVision/RFC2544 options, plus an AirCheck Wi-Fi tester: Series II mainframe, 1000BASE-SX transceiver, 802.11a/b/g CardBus adapter, directional antenna, protective boot, carrying strap, rechargeable Li-Ion battery pack, AC adapter/battery charger, CompactFlash card, remote wiremap adapter (ID #1), patch cable, RJ45 adapter, Getting Started Guide, resource CD, carrying case, additional ProVision/RFC2544-related features, plus an AirCheck Wi-Fi tester
288287	GLD-ES	One year of Gold Support; covers any EtherScope mainframe
395549	GLD-ES-3YR	Three years of Gold Support; covers any EtherScope mainframe
427497	ES-SWUGD-V5	Version 5 software upgrade for all EtherScope models

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14.7

Network Analysis/Testing

OneTouch AT Network Assistant

FLUKE NETWORKS

The OneTouch AT Network Assistant is an all-in-one field-ready Gigabit, fiber optic and Wi-Fi network troubleshooter. Get a client view of network performance - from the cable, through the wired and wireless infrastructure, to local and cloud-hosted network services and applications - all in a single automated test. Create test scripts tailored to your network, your services and your applications. Prove that your Wi-Fi network is operating at peak performance with the exclusive Veri-Fi test. Identify and resolve problems quickly with clear pass/fail indicators and dynamic Wi-Fi analysis. Capture packets via the built-in copper/fiber inline filtering TAP. Control remotely via Web-enabled devices.

FEATURES

- All-in-one, field-ready, handheld troubleshooter for Gigabit copper, fiber optic and a/b/g/n Wi-Fi networks
- Troubleshoot network performance from the client connection through the cable, the wired and Wi-Fi infrastructure, and to key network services hosted locally and within private and public clouds
- Turn anyone into a troubleshooting expert with customized test scripts for your network, your services and your applications
- Get answers in seconds with the one-touch AutoTest and intuitive user interface
- Prove that your Wi-Fi network is operating at peak performance with the exclusive Veri-Fi test
- Solve complex network and application issues by capturing packets between the client and network with the built-in copper/fiber filtering TAP
- Collaborate with colleagues and extend your troubleshooting reach by controlling the OneTouch AT remotely via any Web-enabled device

ONETOUCH AT

Anixter No.	Vendor No.	Description
479743	1T-1000	OneTouch AT LAN fiber
479744	1T-2000	OneTouch AT LAN fiber WLAN
479747	1T-3000	OneTouch AT LAN fiber WLAN inline capture
479755	1T-3000-FI	OneTouch AT 3000 + fiber inspection kit
479758	1T-3000-CSA	OneTouch AT 3000 + ClearSight analyzer software on CD
479759	1T-3000-LRAT2KIT	OneTouch AT 3000 + LinkRunner AT 2000 kit
479760	1T-3000-ACK-LRAT2	OneTouch AT 3000 + AirCheck-LinkRunner AT 2000 kit
479761	1T-3000-ESLSI-LRAT	OneTouch AT 3000 + EtherScope LAN SX I + LinkRunner AT 2000

ACCESSORIES

Anixter No.	Vendor No.	Description
215827	1TS2-RPT	OneTouch software to create network inventory and monitor collisions and errors
479762	1T-WLAN-OPT	OneTouch AT WLAN option
479763	1T-IN-CAP-OPT	OneTouch AT inline and capture
479764	1T-WLAN-IN-CAP-OPT	OneTouch AT WLAN, inline and capture option
479765	1T-2000-MOD	OneTouch AT module LAN fiber WLAN
479766	1T-3000-MOD	OneTouch AT module LAN fiber WLAN inline and capture
479767	1T-ANT	OneTouch AT external directional antenna
479768	1T-1000/GLD	OneTouch AT 1000 and Gold Support
479769	1T-2000/GLD	OneTouch AT 2000 and Gold Support
479770	1T-3000/GLD	OneTouch AT 3000 and Gold Support
479771	GLD-1T	One-year Gold Support, OneTouch AT
479772	GLD3-1T	Three-year Gold Support, OneTouch AT

LanXPLORER PRO Inline Gigabit Network Tester

IDEAL INDUSTRIES

The LanXPLORER PRO is an inline tester with active and passive troubleshooting capabilities for Ethernet connectivity and cabling issues in multimedia environments, including copper, fiber and Wi-Fi. It has a state-of-the-art touch screen and large, clear color display. With full inline and endpoint test capabilities, the LanXPLORER PRO tests not only copper cables but also active LAN connections over copper and fiber links. In addition, it liberates the user from cables by allowing most tests to be conducted through a wireless connection offering unparalleled flexibility. It is a perfect tool to meet the needs of professional IT and network installers, facilities maintenance, network cabling companies, IT consultants and systems administrators in any enterprise, campus or industrial Ethernet environment.

FEATURES

- Troubleshoot passive cabling and active networks
- Touch-and-test user interface
- 3 1/2 in. QVGA color display for crystal-clear graphical interpretation of results like wiremap
- Copper, fiber and Wi-Fi testing
- Peak, instant, 30-second and continuous bandwidth monitoring
- PoE and PoE+ endpoint and inline testing with load simulation
- Device discovery and top-talker identification
- Advanced wiremapping capabilities - tests cables by pin and pair
- Does split-pair detection and length measurements
- Virtual keyboard allows easier and much faster data input
- Touch screen navigation allows tests to be completed within three steps

- SM and MM SFP options, 1000BASE-SX, LX and ZX support
- Link LED blink for visual fiber tracing
- DHCP client, ping and traceroute tests with VLAN support
- Full bandwidth Layer 1, 2 and 3 loopback device
- Diagnostic statistics including top-10 talkers, protocols, error generation and packet-size distribution
- Hub blink test with color-switching on supported devices
- Wi-Fi features
- Identification of active network devices with network discovery function
- Comparison of active network devices against historical data with network verify function
- DHCP client, ping and traceroute tests with VLAN support
- 802.11 b, g and n support
- Identification of access points, Service Set Identifiers (SSID), channels in use, signal strength and security settings
- Detection of channel conflicts

LANXPLORER

LanXPLORER PRO package includes: test unit, active wiremap remote ID #1, NiMH battery pack, Cat 5e STP patch cables, power supply, amplifier probe, RJ45 insert extraction tool, 10 x Lifejack RJ45 inserts, external USB high-sensitivity Wi-Fi antenna, user CD manual, carrying case and quick reference guide

Anixter No.	Vendor No.	Description
435655	33-942P	LanXPLORER PRO
437722	33-941P	LanXPLORER plus
438135	33-940B	LanXPLORER basic tester

ACCESSORIES

Anixter No.	Vendor No.	Description
435658	150054	Active remote #1
435662	150050	Active remote set #2 - #12
435663	150053	NiMH battery pack
435664	150052	Power supply with U.S./EU/UK plugs
435665	150058	RJ45 insertion/extraction tool, 10 x Lifejack RJ45 inserts
435666	SFP-850-1	1000BASE-SX fiber kit includes 850 nm SFP (Small Form Factor pluggable) SX transceiver and LC/SC duplex multimode cable
435667	SFP-1310-1	1000BASE-LX fiber kit includes 1310 nm SFP (Small Form Factor pluggable) LX transceiver and LC/SC duplex multimode cable
435669	SFP-1550-1	Pair of 1550 nm SFP modules, 1000BASE-ZX, jumpers not included
435671	62-164	IDEAL amplifier probe

NetTool Series II Inline Network Tester

FLUKE NETWORKS

Isolate and document network device and application connectivity issues in seconds. See connectivity to key network devices and services with NetProve diagnostics - the fastest way to isolate the source of the problem - whether the cause is the LAN, WAN, firewall, server or application. Create comprehensive reports of your network.

FEATURES

- NetProve diagnostics: Isolate device and application connectivity issues in seconds
- Quickly resolve and document network problems with powerful inline visibility into 10/100/gig links between switches, PCs, IP phones and other devices
- Connect inline for visibility into VoIP calls to quickly diagnose IP phone boot-up and call-control problems and to measure key call-quality metrics
- Verify readiness of PoE systems and troubleshoot PoE device problems
- IntelliTone digital cable location and isolation technology speeds cable troubleshooting

NETTOOL TESTERS

Anixter No.	Vendor No.	Description
334970	NTS2-VOIP	10/100/1000 inline testing, VoIP application, NetProve, PoE, IntelliTone toning, reporter
334961	NTS2-PRO	10/100/1000 inline testing, NetProve, PoE, IntelliTone toning, reporter
355006	NTS2-NSKIT	10/100/1000 Mbps inline, VoIP option, NetSecure option, NetProve diagnostics, IntelliTone toning, IntelliTone Pro 200 probe, NetTool connect PC software, WireView Wiremappers #1-6, set of 4 AA alkaline batteries, NiMH battery/charger kit, USB to mini-USB cable, Ethernet cable, Getting Started Guide, CD with multilanguage user manuals, TPAK meter hanging kit and deluxe carrying case

OPTIONS AND ACCESSORIES

Anixter No.	Vendor No.	Description
334971	NTS2-VOIP-OPT	VoIP option to upgrade an NTS2-PRO to NTS2-VOIP. Upgradeable by the customer via a key code and the NetTool connect software
381990	NTS2-MONAUTH-OPT	Monitoring and authentication option

GOLD EXCHANGE SUPPORT SERVICES

Anixter No.	Vendor No.	Description
256104	GLD-NT	Gold Exchange Support; one year of NetTool standard

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14.9

Network Analysis/Testing

LinkRunner AT Network AutoTester

FLUKE NETWORKS

The LinkRunner AT Network AutoTester is the fastest way to solve network connectivity problems. This rugged, handheld network tester takes the guesswork out of troubleshooting with its complete one-button AutoTest. AutoTest performs your required set of connectivity tests in seconds, enabling you to accurately and quickly identify and solve network problems. Key features include verifying signal and link integrity at 10/100/1G over copper or fiber, unmatched TruePower over Ethernet (PoE) testing and loading, 802.1x authentication, cable wiremapping, IPv4/IPv6 readiness, streamlined UI and color display, full documentation of test results with storage for 50 reports, location and identification of cabling runs, and nearest switch information.

FEATURES

- Fast answers: AutoTest accurately identifies network problems in seconds
- Verify connections at 10M/100M/1G on copper and fiber: Instantly verify link status, connection type, signal strength and traffic
- Nearest switch and VLAN information: Displays the VLAN and nearest switch model, slot and port
- TruePower PoE testing: Quickly validate PoE performance by drawing actual power up to the 802.3 at standard 25.5 W
- Document results: Store up to 50 test results and download to your PC
- Instant-on: Boots in less than three seconds
- IPv4/IPv6 ready

LINKRUNNER

Anixter No.	Vendor No.	Description
461203	LRAT-2000	Deluxe Network Tester with IPv6, TruePower PoE, reflection and 50 reports, Wireview cable ID, carry case
461202	LRAT-1000	LinkRunner AT Network AutoTester with carry case
461197	ACK-LRAT2000	Kit with: AirCheck, LRAT-2000, external directional antenna, spare Li-Ion battery and deluxe carry case
461207	LRAT-2000-KIT	Kit with: LRAT-2000, IntelliTone Pro 200, WireView Cable IDs #1-6, deluxe carry case
461205	LRAT-2000-5PK	Five LRAT-2000s with five auto chargers and five holsters
461204	LRAT-2000-10PK	11 LRAT-2000s and 11 LinkRunner AT mobility kits. With 11 auto chargers and 11 holsters

ACCESSORIES

Anixter No.	Vendor No.	Description
485746	GLD-LRAT	One-year Gold Support for LinkRunner AT
485747	GLD3-LRAT	Three-year Gold Support for LinkRunner AT
415193	WBP-LION	LinkRunner AT Li-Ion replacement battery
461209	LRAT-HOLSTER	LinkRunner AT holster
346691	WIREVIEW 1	WireView cable IDs #1
328751	WIREVIEW 2-6	WireView cable IDs set #2-6
303639	CIQ-RJA	RJ45/11 modular adapter
357012	MS-AUTO-CHG	Auto charger
280626	DTX-ACUN	AC charger, universal

LanScaperPRO Network Tester

JDSU

Perform network-testing functions including port discovery, PoE test, ping, hub flash, CDP and high-end cable testing including length measurement. Monitor and correct network problems associated with the physical layer and link conditions of the network. Results are displayed in a wiremap format with a pair by pair status message.

FEATURES

- Cable-testing capability includes: single-ended (no remote required) testing of cables for shorts, opens and split pairs
- Full-cable test finds all wiring faults including split pairs with a remote connected
- Displays PASS for T568A/B passing cables
- Remote mapping capability - supports sets of 20 ID-only remotes
- Measures length
- Generates selectable tones on selected pins for use with tone tracers
- Auto-MDI/MDI-X Ethernet connectivity protocol supports connection to hub, switch or NIC with any patch cable
- Support for six languages; English, French, German, Italian, Portuguese and Spanish
- Large backlit LCD allows for clear display of setup information and test results
- Auto-off in any mode and low power consumption for long battery life

Anixter No.	Vendor No.	Description
362605	NT800	With remote
362606	NT850	With eight remotes and TT100 probe

AirMagnet Spectrum XT

FLUKE NETWORKS

Fluke Networks' AirMagnet Spectrum XT is the first and only professional spectrum-analyzer solution that combines in-depth RF analysis with real-time WLAN information for quicker and more accurate troubleshooting of performance problems. This combined view of "impact analysis of RF interference" on the network's overall performance helps pinpoint the root cause of those problems.

FEATURES

- Automatic identification and location of interference sources
- Integrated reporting
- High-resolution RF spectrum diagnostic views
- Visualize impact of RF interference on WLAN performance
- Zero-day response to any RF interferer
- Integration with AirMagnet Wi-Fi Analyzer and AirMagnet Survey
- Record and playback

AIRMAGNET SPECTRUM XT

Anixter No.	Vendor No.	Description
456433	AM/B4070	AirMagnet Spectrum XT (USB-based)
485686	AM/A4040	AirMagnet directional antenna
485688	AM/A5225	Sensor with internal antenna, 802.11n, dedicated spectrum-analysis radio
485690	AM/A5220	Sensor with external antenna, 802.11n, dedicated spectrum-analysis radio
485691	AM/A5200	Sensor with external antenna, 802.11 a/b/g/n
485693	AM/A5205	Sensor with internal antenna, 802.11 a/b/g/n
485694	AM/A5031	Metal sensor-mounting bracket with security lock option
485695	AM/A5231	Plastic sensor-mounting bracket

GOLD SUPPORT

Anixter No.	Vendor No.	Description
485697	GLD-S4070G	AirMagnet Spectrum XT Gold Support

AirMagnet Survey PRO (Including Planner Module)

FLUKE NETWORKS

The AirMagnet Survey PRO is the industry's most accurate solution for planning and designing 802.11 a/b/g/n wireless LANs for optimal performance, security and compliance. It calculates the ideal quantity, placement and configuration of APs for a successful WLAN deployment. The AirMagnet Survey PRO goes beyond just verifying RF coverage by plotting actual end-user network performance in terms of connection speed, throughput and packet statistics. The end result is a complete Wi-Fi weather map of all critical RF and end-user performance metrics. Advanced features allow users to integrate with professional spectrum analyzers, model predeployment scenarios, generate customized survey reports, perform outdoor surveys, conduct voice surveys, verify end-user network requirements and do detailed end-user capacity planning.

The AirMagnet Survey PRO is available in Express and PRO versions. The AirMagnet Survey Express offers a lighter version of the solution that allows users to perform the basics of Wi-Fi site surveying with ability to map out signal, noise and even user performance. The AirMagnet Survey PRO extends those capabilities found in the Express version and adds powerful, industry-defining features including 802.11n deployments, multifloor deployments, outdoor surveys, network design verification, voice-readiness verification and surveys, RF spectrum analysis and many more.

FEATURES

- "Real-world" survey data collection
- Multifloor deployments
- 802.11n site surveys
- Unique RF spectrum and Voice over WLAN surveys
- Professional custom reports
- Visualize coverage differences over time
- Integration with AirMagnet planner

AIRMAGNET SURVEY PRO AND EXPRESSS (INCLUDING PLANNER MODULE)

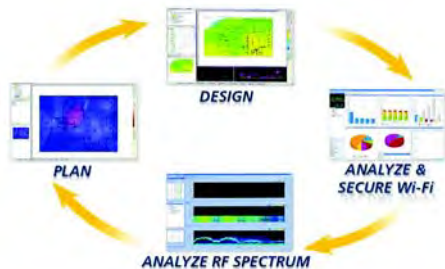| Anixter No.	Vendor No.	Description
449812	AM/A4018G	AirMagnet Survey PRO (including planner module)
485698	AM/B4010	AirMagnet Survey Express
485699	AM/A4016-UGD	AirMagnet Survey Express to Survey PRO (upgrade model)
485700	AM/A4013-UGD	AirMagnet Planner Module for existing A4015 customers
456433	AM/B4070	AirMagnet Spectrum XT (USB-based)
485702	AM/C1095	AirMagnet multiadapter kit for survey (U.S., world-mode and Japan versions available)

GOLD SUPPORT

Anixter No.	Vendor No.	Description
449815	GLD-S4018G	AirMagnet Survey PRO Gold Support

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14.11

Wireless

AirMagnet WLAN Design and Analysis Suite (Wi-Fi and Survey PRO, XT)

FLUKE NETWORKS

The AirMagnet WLAN Design and Analysis Suite delivers the most powerful tools available to solve every problem in the wireless network, from planning and deployment to ongoing troubleshooting and security monitoring.

The suite includes AirMagnet Survey PRO (which includes AirMagnet Planner), AirMagnet Wi-Fi Analyzer PRO and AirMagnet Spectrum XT. Not only are these products effective when used individually, but are even more powerful when used as an integrated suite. The multiadapter kit allows users to get more power out of AirMagnet solutions. For instance, users can perform site surveys in half the time with AirMagnet Survey PRO and users can perform client roaming analysis using AirMagnet Wi-Fi Analyzer PRO with the multiadapter kit.

FEATURES

- Accurately plan and deploy 802.11-based wireless networks
- Simplify troubleshooting
- Instant and complete visibility into the performance and security of the wireless environment
- In-depth RF analysis

AIRMAGNET WLAN DESIGN AND ANALYSIS SUITE (WI-FI AND SURVEY PRO, XT)

Anixter No.	Vendor No.	Description
485707	AM/A1480	AirMagnet Survey PRO (including planner module)

GOLD SUPPORT

Anixter No.	Vendor No.	Description
485704	GLD-S1480	AirMagnet WLAN Design and Analysis Suite Gold Support

AirMagnet Wi-Fi Analyzer PRO

FLUKE NETWORKS

The AirMagnet Wi-Fi Analyzer is the industry standard tool for mobile auditing and troubleshooting enterprise Wi-Fi networks. The AirMagnet Wi-Fi Analyzer helps IT staff quickly solve end-user issues while automatically detecting security threats and

wireless-network vulnerabilities. The solution enables network managers to easily test and diagnose dozens of common wireless performance issues including throughput issues, connectivity issues, device conflicts and signal multipath problems. The AirMagnet Wi-Fi Analyzer includes a full-compliance reporting engine, which automatically maps collected network information to requirements for compliance with policy and industry regulations.

AirMagnet Wi-Fi Analyzer is available in Express and PRO versions. The AirMagnet Wi-Fi Analyzer Express provides the core building blocks of Wi-Fi troubleshooting and auditing with the ability to see devices, automatically identify common problems and physically locate specific devices. The AirMagnet Wi-Fi Analyzer PRO significantly extends all the capabilities found in the Express version and adds many more to provide a Wi-Fi tool to solve virtually any type of performance, security or reporting challenge in the field.

FEATURES

- Wi-Fi dashboard on overall health of the WLAN
- Built-in wireless expertise
- Instant alerts to WLAN security and performance issues
- Real-time WLAN troubleshooting
- WLAN client roaming analysis
- Active troubleshooting tools
- Complete Wi-Fi interference detection and analysis
- Integrated reporting

AIRMAGNET WI-FI ANALYZER PRO

Anixter No.	Vendor No.	Description
456434	AM/A1150	AirMagnet Wi-Fi Analyzer PRO
485722	AM/B1170	AirMagnet Wi-Fi Analyzer Express
485723	AM/A1173-UGD	Upgrade module from Express to PRO
456433	AM/B4070	AirMagnet Spectrum XT (USB-based)
485724	AM/C1090	AirMagnet multiadapter kit for Wi-Fi Analyzer (U.S., world-mode and Japan versions available)
485688	AM/A5225	Sensor with internal antenna, 802.11n, dedicated spectrum-analysis radio
485690	AM/A5220	Sensor with external antenna, 802.11n, dedicated spectrum-analysis radio
485691	AM/A5200	Sensor with external antenna, 802.11 a/b/g/n
485693	AM/A5205	Sensor with internal antenna, 802.11 a/b/g/n
485694	AM/A5031	Metal sensor-mounting bracket with security lock option
485695	AM/A5231	Plastic sensor-mounting bracket

GOLD SUPPORT

Anixter No.	Vendor No.	Description
485705	GLD-S1150G	AirMagnet Wi-Fi Analyzer Gold Support

AirCheck Wi-Fi Tester

FLUKE NETWORKS

The AirCheck Wi-Fi tester is a simple-to-use, handheld wireless tester that allows users to quickly verify and troubleshoot 802.11 a/b/g/n network availability, connectivity and security all in a dedicated, handheld tool. Its one-button AutoTest quickly provides a pass/fail indication of the wireless environment and identifies common problems such as interference, overloaded networks, rogue devices, coverage and security issues. AirCheck helps you audit your wireless environment to identify and locate rogue clients and APs. The tester fully documents your troubleshooting session and creates professional-quality reports. Use these reports to close your trouble ticket or to provide the required information to escalate the ticket to the next level. AirCheck provides the information you need to quickly solve your frontline Wi-Fi problems.

FEATURES

- Dedicated, handheld 802.11 a/b/g/n tester with instant-on technology
- Fully supports 2.4 and 5.0 GHz frequency bands
- One-button AutoTest quickly provides a pass/fail indication of the wireless environment and identifies common problems - for any level of Wi-Fi expertise
- Identify and assess availability and security of access points and clients - even locate them physically
- See what's using your Wi-Fi network by channel and quickly determine if it is 802.11 traffic or non-802.11 interference
- Rapidly perform a Wi-Fi discovery to fully assess your current wireless security settings and network availability
- Robust and in-depth WLAN connection tests - from probing to DHCP request to ping

Anixter No.	Vendor No.	Description
415187	AIRCHECK	AirCheck Wi-Fi tester includes: AirCheck tester, USB cable, soft case, Getting Started guide and CD with AirCheck manager software and user manual
419411	AIRCHECK-5PK	AirCheck 5 pack, includes five AirChecks and five directional antennas
419412	AIRCHECK-10PK	AirCheck 10 pack includes 11 AirChecks and 11 directional antennas
415192	EXTANT-RPSMA	External directional antenna, RSMA connector
415194	POE-DETECTOR	Power over Ethernet detector, 802.3at

SUPPORT

Anixter No.	Vendor No.	Description
415195	GLD-ACK	AirCheck Gold Support services, one year
437501	GLD-ACK-3YR	Three years of Gold Support for AirCheck

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SecuriTEST PRO CCTV/Security Tester

IDEAL INDUSTRIES

This tester combines seven essential CCTV tools into one cost-effective handheld device. It incorporates a bright color LCD video display, analog PTZ controller, digital multimeter, UTP wiremap, video pattern generator, PTZ protocol analyzer and programming of camera presets and menus. The PTZ protocol analyzer and menu programming decodes and identifies output from the PTZ console and allows access to programming menus of the camera that support this feature. The SecuriTEST PRO is multifeatured, affordable, great for new installs or troubleshooting and easy to use.

FEATURES
- IRE video level and sync tests
- Sound level test through integrated speaker and onscreen level indicator
- High-capacity lithium battery
- Support for additional PTZ protocols
- Carrying case included
- Lighter in weight with comfort-grip sides
- Includes batteries, AC adapter charger, 12 V auto charger, 4 ft. (1.2 m) BNC video cable, DMM test leads, UTP cable terminator and neck strap

Anixter No.	Vendor No.	Description
365881	33-892	SecuriTEST PRO CCTV/security tester

SIGNALTEK II - Cable and Network Qualification Tester

IDEAL INDUSTRIES

The SIGNALTEK II handheld cable and network qualifier is designed to confirm correct installation of copper and fiber cabling capable of supporting voice, video, data and CCTV applications over 10/100 Megabit or Gigabit Ethernet. Detect and run load testing on PoE and PoE+. Qualify passive cabling to support Gigabit Ethernet and perform active network testing diagnostics such as DHCP, ping and ARP (address resolution protocol) tests. It tests the link's ability to support applications by transmitting Ethernet packets on the cable and measuring the link performance to the IEEE 802.3ab Gigabit Ethernet standard. By monitoring transmitted and received data packets, it can report the BER (bit error rate) for the link. Incorporates IPv4 and IPv6 compatibility to provide a future-proof investment. Wiremapping by pin as well as pair.

FEATURES
- Gigabit Ethernet qualification tester for copper and fiber cable links
- Qualify to IEEE 802.3 standards
- BERT testing for 10/100/1000BASE-T
- Multimode and single-mode testing
- Small Form Factor Pluggable (SFP) modules are compact and field-changeable
- Store/print thousands of reports
- Supports USB "thumb-drives"
- 2.8 in. color screen
- User-exchangeable RJ45 inserts
- Choice of power inputs
- Durable rubber molded housing
- Multifunction and cursor keys

Anixter No.	Vendor No.	Description
486416	R156000	For copper networks
486417	R156001	For copper and fiber networks (fiber modules sold separately)

ACCESSORIES

Anixter No.	Vendor No.	Description
352089	SFP-850	Pair of 850 nm SFP modules, 1000BASE-SX, jumpers not included
352090	SFP-13X0	Pair of 1310 nm SFP modules, 1000BASE-LX, jumpers not included
435669	SFP-1550-1	Pair of 1550 nm SFP modules, 1000BASE-ZX, jumpers not included
435658	150054	Active remote #1
435662	150050	Active remote set #2 - #12
486418	151053	NiMH power module

CableIQ Qualification Tester

FLUKE NETWORKS

The CableIQ quickly troubleshoots and qualifies existing twisted-pair cabling for voice, 10/100BASE-T or Gigabit Ethernet. The CableIQ can detect speed and duplex settings of attached switches and PCs and intelligent wiremap tests for length, shorts, split pairs or opens, and graphically shows distance to specific pin faults (e.g., pin #1 break at 37 ft.). With its intuitive, lightweight, rugged design, it tests voice, data, video, security and audio cabling.

FEATURES
- Test existing cabling for support of voice or 10/100/Gigabit Ethernet
- Troubleshoot if existing cabling plant can support the desired network speed
- Discover what's at the end of any cable and switch configuration (speed/duplex/ pairing)
- Intelligent wiremap graphically maps wiring configuration and shows distance to faults
- Test all copper cabling media: twisted-pair, coax and audio cabling
- Locate and trace cable with IntelliTone digital signaling technology
- Save and upload results to attached PC

CABLE IQ QUALIFICATION TESTER

Anixter No.	Vendor No.	Description
376840	CIQ-VOIP	CableIQ VoIP enterprise service kit
303632	CIQ-100	CableIQ qualification tester
303633	CIQ-KIT	CableIQ advanced IT kit includes: main unit with remote adapter, reporter software CD, IntelliTone 200 digital probe, remote IDs #2 to #7, two RJ45 patch cords, USB cable, coax F push-on adapter, 75 ohm coax patch cord, RJ45/11 patch cord, four AA batteries
314671	CIQ-KRQ	CableIQ residential qualifier kit
391277	CIQ-FTKSFP	Copper and fiber technician's kit - includes the CableIQ (CIQ-KIT) and SimpliFiber Pro (FTK1000) fiber test kit
328388	CIQ-SVC	CableIQ service kit includes CableIQ qualification tester, six CableIQ remote identifiers, CableIQ reporter software CD, two RJ45-RJ45 shielded patch cords, USB cable, coax F push-on cable, RJ45/ RJ11 universal coupler, LinkRunner network multimeter, LinkRunner main wiremap adapter, IntelliTone 200 digital probe, test accessory soft pouch, user CD and quick-start guide, packaged in a rugged carrying case; one 9 V and six AA batteries included

GOLD EXCHANGE SUPPORT SERVICES

Anixter No.	Vendor No.	Description
366263	GLD-CIQ	Gold support for CableIQ (any model), one year

Cable Qualification

NaviTek Frontline Technician Tester
IDEAL INDUSTRIES

Advanced wiremapper and versatile troubleshooter for conducting active and passive network testing across both copper and fiber networks. Powerful network and cable verification tool for cabling installers and IT or facilities maintenance professionals working in any enterprise, residential, campus or industrial Ethernet environment.

FEATURES
- Excellent wiremapping by pin, with distance to fault
- Bright, backlit color screen and intuitive intercase
- IPv6 compliant
- VLAN support
- Traceroute
- Create and store test results in standard compliant XML format
- Easy to view and export results for report printing
- Identify Ethernet and Power over Ethernet (PoE) issues in addition to verifying Ethernet connectivity
- Supports both IPv4 and IPv6 Internet addresses
- 802.1x compatibility to log onto networks securied by this protocol, avoiding unnecessary security complications and lengthy project delays

Anixter No.	Vendor No.	Description
487145	R151002	PRO - fully featured solution suitable for copper and fiber networks
487146	R151001	PLUS premium kit - copper testing with support for VLAN and storage for test results, includes rechargeable power module, RJ45 extraction tool, 10 RJ45 inserts and amplifier probe
487150	R151000	PLUS - tester only
487151	R153000	BASIC - entry model features LAN testing over copper networks and includes functionality for detecting Power over Ethernet, no test storage

ValidatorPRO and ValidatorPRO-NT
JDSU

The ValidatorPRO Ethernet speed certifier with integrated optical power meter and accompanying Plan-Um cable-management software delivers the power to test both copper and fiber cabling, determines if cables can support Gigabit Ethernet and performs troubleshooting for cable installations.

FEATURES
- Measures optical power on single-mode and multimode fiber
- Conducts BER testing to speed-certify Ethernet data transmission speed up to 1000BASE-T (1 Gb/s)
- Measures SNR and skew to uncover impairments to electrical Ethernet data transmission
- Tests for opens, shorts, split pairs, miswires and reversals and measures distance to opens and shorts - supports all copper network, telco and coax cables
- Measures PoE voltage and current (NT only)
- Performs port discovery to detect advertised Ethernet speed and displays capabilities of network devices (NT only)
- Pings network devices to verify connectivity to active equipment (NT only)
- Discovers and displays essential information regarding functionality of 802.11 b/g/n wireless devices (NT only)

VALIDATORPRO
Each package includes: one smart remote, one set 1-8 wiremapping remotes (RJ11/RJ45) (TP612), two lithium-ion rechargeable batteries (NT93), two universal AC adapter/charger units, one 1.83 m 72 in. USB client-to-PC connection cable (series A plug to series B plug), two 19 cm 7.5 in. RJ12-to-RJ12 cables for no-fault connection to RJ11 or RJ45 jacks, two 30.48 cm 1 ft. patch cables with RJ45 connectors, two 60.96 cm 2 ft. RJ45 to 8 alligator clips cord sets, two sacrificial cables for RJ45 mod plug, one coupler F-jack to F-jack, USB drive including Plan-Um cabling installation and planning software, user guide (product manual) and quick-start guide, deluxe carrying case, printed quick-start guide, 100 "speed certified" cable labels and one 12 V vehicle charger

Anixter No.	Vendor No.	Description
442340	NT1055	ValidatorPRO-NT CU. Copper-only Ethernet network management tool including active network tests
406656	NT1150	ValidatorPRO Ethernet speed certifier with integrated optical power meter
406657	NT1155	ValidatorPRO-NT Ethernet speed certifier with integrated optical power meter including active network tests

MicroScanner² Cable Verifier

FLUKE NETWORKS

The next-generation MicroScanner2 streamlines voice/data/video cable and service testing. Revolutionary user interface displays available services (10/100/1000 Ethernet, POTS, PoE), cable length (with true TDR technology for finding distance to shorts and opens), wiremap, cable ID and distance to fault, all on one screen. Test RJ11, RJ45 and coax with no adapters. Built-in IntelliTone digital and analog toning precisely locates virtually any cable or pair.

FEATURES

- Displays cable length, wiremap, cable ID and distance to fault on one screen
- Detects today's media services, including 10/100/1000 Ethernet, POTS and PoE
- Locates virtually any cable or wire pair with IntelliTone digital and analog toning
- Tests all common media types, including RJ11, RJ45, coax, with no adapters
- Rubber overmold enhances grip and increases ruggedness
- "Oversized" backlit LCD makes results crystal clear in any work environment

Anixter No.	Vendor No.	Description
348860	MS2-100	MicroScanner² includes: MicroScanner², main wiremap adapter, two AA alkaline batteries, printed multilanguage getting started guide, user CD with multilanguage user manuals, packaged in a Fluke Networks vinyl carry pouch
348861	MS2-KIT	MicroScanner² professional kit includes: MicroScanner², main wiremap adapter, remote identifiers #2-7 IntelliTone Pro 200 Probe, shielded twisted-pair RJ45 patch cord, RJ11 patch cord, clip set RJ45 to 8 alligator clip bare wire adapter, F coax push-on patch cord, accessory soft pouch, two AA alkaline batteries, 9 V alkaline battery, MicroScanner2 Getting Started Guide, user CD, IntelliTone Pro getting-started guide, IntelliTone Pro user CD, packaged in a deluxe Fluke Networks carry case
363120	MS2-TTK	MicroScanner² cable verifier, IS60 Pro-Tool kit, IntelliTone 200 probe, RJ11 and RJ45 patch cables, lanyard, owner's CD and quick-start guide and 9 V battery, packaged in a deluxe Fluke Networks carry case
392768	MS2-FTK	Copper and fiber basic technician's kit - includes the MicroScanner (MS2-100) and SimpliFiber Pro (FTK1000) fiber test kit

VDV PRO and IENet PRO Cable Testers

IDEAL INDUSTRIES

The VDV PRO cable tester is an easy-to-use cable-testing and verification device that can quickly test all wiring requirements found throughout today's residential and commercial environments. This tester checks for opens, shorts, split pairs, reversals and miswires on UTP cables, and opens and shorts on coax. It supports RJ11/12, RJ45, coax, F, BNC and RCA connectors. The IENet PRO version supports RJ45 and MJ12 connections and tests to PROFINET industrial Ethernet cabling requirements.

FEATURES

- Both models measure cable length
- Displays wiring errors including open, short, miswire, split pair and length
- Multi-tone support for cable tracing and fault isolation
- Blink network link LED for visual cable tracing
- New integrated coax F-connection
- Larger backlit LCD screen for better test results readability
- Kits available with either one remote or eight remotes
- Remotes have coax, RJ11 and RJ45 jacks for increased testing capabilities
- IENet PRO features a unique, easy-to-use cable test for 2-pair and 4-pair industrial Ethernet cabling
- IENet PRO remotes have shielded 2-pair, M12 and RJ45 ports and are compatible with most IE cabling
- Test results are displayed in PROFINET industrial Ethernet required format

Anixter No.	Vendor No.	Description
412236	33-770	VDV PRO with one remote and terminator, case and accessories
412217	33-771	VDV PRO with eight remotes and terminators, case and accessories
420252	33-772	IENet PRO with single remote
420253	33-773	IENet PRO with eight remotes
412239	33-774	VDV PRO replacement eight remote kit (ID 1-8)
420254	33-775	VDV PRO replacement eight coax terminator kit
420255	33-776	IENet PRO replacement eight remote kit (ID 1-8)
412238	33-780	VDV PRO tester with one remote and amplifier probe
311427	LA-4173	BNC adapter accessory kit

Test Equipment

Cable Continuity

Test - Tone - Trace Kit

IDEAL INDUSTRIES

All-in-one testing solution for identifying wiring errors and locating cable in voice/data/video installations. Designed for use in LAN, telephone, coaxial video, security, A/V and other general coax and twisted-pair applications. This kit performs the essential cable-testing functions required by installers and system technicians.

FEATURES
- Wiremap twisted-pair cable
- Trace copper cables
- Detect opens/shorts in coax
- Four selectable tones for tracing
- Includes patch cords and RCA and BNC adapters
- Carrying case and two 9 V batteries included

Anixter No.	Vendor No.	Description
486419	33-866	Test-Tone-Trace kit

VDV MultiMedia Tester

IDEAL INDUSTRIES

Easy-to-use tester for installers working with voice, data and video applications. Tests for opens, shorts, miswires, reversals and split pairs. Also indicates correct wiremap. Has automatic shutoff to prolong battery life and low-battery indicator.

FEATURES
- VOICE - Supports 3-pair USOC and 6-position RJ11/12 jacks for telephone cable testing
- DATA - Supports both shielded and unshielded cable testing for T568A/B (RJ45)
- VIDEO - Tests coax cable for opens and shorts with F-connector interface
- TONE GENERATOR - Supports four different tones, making fault identification easier and allows selection of pairs or conductors to transmit tone
- One remote unit is stored inside the tester to keep all parts together with unique design to accommodate coax, RJ11 and RJ45 type connectors
- Can support up to eight unique UTP/STP remotes that wiremap and test for voice and data - must order separately

Anixter No.	Vendor No.	Description
306726	33-856	VDV tester
311427	LA-4173	BNC adapter accessory kit
412239	33-774	VDV PRO replacement eight remote kit (ID 1-8)

NETcat Pro 2 NC-500

GREENLEE

The NETcat Pro 2 is a digital-wiring troubleshooter for voice, data and video cables, wiring and service. Controlled by a touch screen display, it is designed to quickly verify that patch cords and in-wall cables have been correctly wired or installed and to determine if Ethernet LAN service is available. It also measures the length of cables. Using connectors on the base unit and its onboard remote, the NC-500 works with twisted-pair LAN, telephone and coaxial cable wiring.

FEATURES

- Touch screen display with contrast adjustment and backlight
- 0 to 2,000 ft. cable length via TDR
- Generates four distinct, precision tones for tracing low-loss cables like Cat 5
- Identifies active network devices (PC or hub) on 10/100BASE-T networks
- Detects shorts, opens, reversed, crossed and split pairs
- Office ID using remote ID units
- Patch cable and remote jack wiremap
- Power over Ethernet detection

Anixter No.	Vendor No.	Description
352096	NC-500	NETcat Pro 2 digital VDV wiring troubleshooter
352097	NC-510	NETcat Pro 2 accessory kit with carrying case and seven digital remote units

TS90 Cable Fault Finder

FLUKE NETWORKS

The TS90 Cable Fault Finder is three tools in one: 1) locate distance to opens or shorts; 2) measure cable on a reel or in a box; 3) patented power-tone generator provides five tones, allowing the user to short the far end and hear a change in tone when the correct pair has been identified. Single-button operation and an easy-to-read LCD display.

FEATURES

- Instantly measures distance to open or fault from one end of any cable pair up to 3,000 ft.
- Patented power-tone generator positively identifies pair
- High-voltage detection
- Moistureproof
- Large LED screen and easy-to-use menu

Anixter No.	Vendor No.	Description
272098	26500090	TS90 with BNC alligator clips

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Tone Generators and Probes

Inductive Amplifier

GREENLEE

Used in conjunction with any tone generator, inductive amplifiers permit wire and cable identification without having to make direct metallic contact with the conductor. All models feature a powerful speaker for noisy environments, adjustable volume control, recessed on/off button control and high gain for accurate wire identification in congested cable bundles.

Anixter No.	Vendor No.	Description
434496	200EP-G	Inductive amplifier
240790	200GX	Professional inductive amplifier
093664	200B-G	Basic tone probe

Inductive Amplifier with Filter

GREENLEE

The filter probe blocks AC interference by filtering out power-related noise to stop 60 Hz power-line hum. The 200FP features adjustable sensitivity control/volume, a momentary ON/OFF push-button and recessed terminals for connecting the unit to telephone test sets or headphones. Works with most tone generators.

Anixter No.	Vendor No.	Description
177079	200FP	Filter probe

IntelliTone Pro Toner and Probe

FLUKE NETWORKS

Breakthrough IntelliTone digital signal technology finds cables other toners/probes can't and speeds cable location with advanced sensing modes. The IntelliTone Pro provides simplified signal interpretation with smart LED and audio indicators and digital signal rejects noise and safely tones active networks. The IntelliTone Pro 200 Kit includes powerful troubleshooting capabilities with datacom link, two-line telecom service ID and end-to-end cablemap.

FEATURES
• IntelliTone digital processing eliminates noise and false signals
• New SmartTone analog toning precisely isolates individual wire pairs
• Locates cables safely and effectively on active networks
• Identifies, diagnoses and troubleshoots datacom/telecom services

Anixter No.	Vendor No.	Description
277448	MT-8200-60A	IntelliTone Pro 200 toner and probe kit
277261	MT-8200-50A	IntelliTone Pro 100 STD toner and probe kit
277449	MT-8200-61A	IntelliTone Pro 200 toner
277452	MT-8200-63A	IntelliTone Pro 200 probe
277270	MT-8200-53A	IntelliTone Pro 100 probe
277453	MT-8202-05	IntelliTone Pro case
277454	MT-8203-20	Test leads with bed of nails
277455	MT-8203-22	Test leads with alligator clips

LAN Toner Kit

GREENLEE

Designed for the network installation and maintenance professional, the LAN Toner sends tone and blinks hub, switch port and PC activity lights for fast identification. This kit can be used on any wiring system including datacom, telecom, security/alarm, audio and CATV. Kit includes AT8L LAN toner, 200GX inductive amplifier probe and carrying case.

FEATURES

- Universal 6- or 8-position modular plug
- Breakout adapter allows access to individual pairs
- Female RJ45 jack on bottom allows for patch-cord connection

Anixter No.	Vendor No.	Description
244521	AT8L	LAN toner
244522	AT8LK	LAN toner kit

Classic Tone and Probe Kit

GREENLEE

The 701K-G is used to identify single conductors or cables within a bundle, at a cross-connect point or at remote ends. The 701K-G packages the 77HP-G Tone Generator and the 200EP-G Inductive Amplifier probe in a carrying case. The 200EP-G tracing probe features an LED headlight for working safely in dark environments. It also has three listening modes with adjustable volume controls. The 77HP-G tracing tone generator has one- or two-line telephone service, voltage/polarity indication and checks for short circuits/continuity with a light and audible beep.

Anixter No.	Vendor No.	Description
151298	701K-G	Classic tone and probe kit
148554	77HP-G	Classic tone generator
434496	200EP-G	Inductive amplifier
405398	601K-G	Basic tone and probe kit
151297	700C	Carrying case for 701K kit

Premium Tone and Probe Kit

GREENLEE

The 801K is used to identify single conductors or cables within a bundle, at a cross-connect point or at remote ends. The 60 Hz filter probe eliminates electrical noise to make identifying cables in "noisy" environments possible. The 801K packages the 77HP/6A Tone Generator and the 200FP Inductive Amplifier probe in a carrying case.

Anixter No.	Vendor No.	Description
212374	801K	Premium tone and probe kit
166855	77HP-G/6A	Classic tone generator with bed-of-nails clips
177079	200FP	Filter probe

CATV Tone and Probe Kit

GREENLEE

Designed specifically for the CATV industry, this kit allows you to tone through splitters, directional couplers and taps.

FEATURES

- Kit includes: transmitter, receiver, male F-to-F-connector adapter cable, male F-to-alligator clip adapter cable and carrying case
- Three methods of signal reception: electrostatic pickup for non-terminated cables, electromagnetic pickup for terminated or shorted cables and direct connection when identifying in the presence of passive devices
- Transmitter and receiver are equipped with female F-connectors

Anixter No.	Vendor No.	Description
218704	402K	CATV cable tone test set

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Tone Generators and Probes

Test Equipment

Pro3000 Tone and Probe Kit

FLUKE NETWORKS

The Pro3000 Tone and Probe Kit is an innovative analog tone and probe from Fluke Networks. Easily identify individual pairs with its patented SmartTone technology (the five different tones for exact pair identification). The large powerful speaker on the probe allows you to hear through drywall, wood or other enclosures to find wires quickly and easily. Kit includes pouch.

FEATURES

- Select solid or alternating tone options, indicated with solid or flashing LEDs
- Exclusive SmartTone technology can generate five separate analog tones when the pair is shorted at the far end
- Works on de-energized AC wire, telephone/twisted-pair wire, all voice and data category-rated cable, all coax cable, speaker wire and security wire
- Send tone signal up to 10 miles on most cables
- Line cord features angled bed-of-nails clips and ruggedized RJ11 plug for direct access to phone and data jacks without adapters

Anixter No.	Vendor No.	Description
290695	26000900	Pro3000 analog tone and probe kit
323956	26100900	Pro3000 probe
323957	26200900	Pro3000 tone generator
328803	26100103	Pro3000 analog probe replacement tip

77 Series Tone Generators

GREENLEE

Permits technicians to identify the conductor within a bundle, at a cross-connect point or at the remote end. Can be used on twisted-pair wiring (telecom, datacom, etc.), single conductors, coaxial cables, de-energized AC wiring and most other wiring with a handset or an inductive amplifier. The tone can reach 50,000 ft. through low-resistance circuits. The unit has dual LEDs for checking polarity on lines one and two. The tone and/or the continuity tests are controlled by the toggle switch. Battery (9 V) not included.

FEATURES

- Selectable warble tone
- Continuity testing
- Polarity testing
- Talk battery supply
- Two-line modular test lead (RJ11)
- Three-color LED (identifies AC ring voltage)
- Weather-resistant design

Anixter No.	Vendor No.	Description
148554	77HP-G	Classic tone generator
166855	77HP-G/6A	Classic tone generator with bed-of-nails clips
447722	77M-G	Basic tone generator

Pocket Toner

FLUKE NETWORKS

The Pocket Toner tools are pocket-size, durable test devices that allow users to quickly and easily test wires and cables for continuity and short circuits. The Pocket Toner comes in three models and several different kit configurations. No matter what your job, you can safely install and test. All of the Pocket Toners have dual audible indicators in the main body and detachable buzzer toner units, removable push-on connectors, auto shut-off and easy-to-read indicators.

FEATURES

- Low-voltage circuit protection for both the PCB as well as the detachable toner unit. An installer can test a (>6 V, up to 48 V) low-voltage cable without causing lethal damage to the tool
- Dual audible indicators in main body and detachable buzzer toner unit
- Male and female adaptable toner section
- Removable push-on connector
- Lightweight, durable anodized aluminum body

Anixter No.	Vendor No.	Description
441410	PTNX1	Pocket Toner NX1 - includes NX1 unit and toner
441411	PTNX2	Pocket Toner NX2 - includes NX2 unit and toner
441412	PTNX2-DLX	Pocket Toner NX2 deluxe kit - includes NX2 unit, toner, RJ11 and RJ45 adapters, 66 block adapter, Dial Tone Detective, alligator clips, BNC adapters, RCA adapters, F-81, F-71, Speed 81 adapter, battery and canvas case
441413	PTNX2-CABLE	Pocket Toner NX2 cable kit - includes NX2 unit, toner, alligator clips adapter, F-81, F-71 and Speed 81 adapters, male push-on adapter, battery and canvas case
441414	PTNX8	Pocket Toner NX8 - includes NX8 unit and toner
441415	PTNX8-CABLE	Pocket Toner NX8 cable kit - includes NX8 unit, toner, eight ID caps, alligator clips, F-81, F-71 and Speed 81 adapters, male push-on adapter, battery and deluxe case with belt clip

Anixter No.	Vendor No.	Description
441416	PTNX8-CT	Pocket Toner NX8 cable and telephone kit - includes NX8 unit, toner, eight ID caps, 66 block adapter, RJ11 adapter, Dial Tone Detective alligator clips and RJ11 adapter, F-81, F-71 and Speed 81 adapters, male push-on adapter, battery and deluxe case with belt clip
441417	PTNX8-DLX	Pocket Toner NX8 deluxe kit - includes NX8 unit, toner, eight ID caps, 66 block adapter, RJ11 and RJ45 adapters, Dial Tone Detective, alligator clips and RJ45 adapter, BNC adapters, RCA adapters, F-81, F-71, Speed 81 adapters, male push-on adapter, battery and deluxe case with belt clip
441419	PTNX8-VV-PRO	Pocket Toner NX8 voice and video pro kit - includes NX8 unit, toner, eight ID caps, 66 block adapter, RJ11 adapter, RJ45 adapter, Dial Tone Detective, Alligator clips and RJ11 adapter, F-81, F-71, Speed 81, male push-on adapter, battery and deluxe case with belt clip

ACCESSORIES

Anixter No.	Vendor No.	Description
441420	ADAP-PTNX-KIT	Accessory kit - includes alligator clips and RJ45 adapter, alligator clips and RJ11 adapter, Dial Tone Detective, RJ11 adapter, 66 block adapter, RJ45 adapter, F-type connectors, RCA connectors, BNC connector and bare wire connector
441425	CASE-PTNX-SM	Small case
441426	CASE-PTNX-LG	Large case
441427	PTNX8-ID-1-8	Eight ID caps
441428	ADAP-PTNX-RJ11	RJ11 adapters
441429	ADAP-PTNX-RJ45	RJ45 adapters

Fiber Optic

OV-Mini Optical Time Domain Reflectometer (OTDR)

CORNING CABLE SYSTEMS

The Corning Cable Systems OV-Mini Optical Time Domain Reflectometer (OTDR) provides a rugged, handheld and lightweight solution for testing and troubleshooting fiber optic networks. This handheld OTDR gives the operator the flexibility of testing single-mode 50 and 62.5 μm multimode systems with the same unit. The OV-Mini provides complete connectivity flexibility (with USB-stick compatibility and USB-cable download) and top user-friendliness (offering one-touch testing). The OV-Mini has a large internal memory that typically stores up to 500 traces and eliminates the need for a hard drive, which can fail under extreme field conditions.

Anixter No.	Vendor No.	Description
406336	MINIDK	OV-Mini OTDR deluxe kit, multimode/single-mode OTDR with power meter and VFL
406335	MINIBK	OV-Mini OTDR basic kit, multimode/single-mode OTDR
406337	MINIXK	OV-Mini OTDR deluxe kit with video inspection probe (VIP)
443888	MINIXK-TK	OV-Mini deluxe kit with video inspection probe and separate handheld multimode/single-mode source

OV-1000 Optical Time Domain Reflectometer (OTDR)

CORNING CABLE SYSTEMS

The Corning Cable Systems OV-1000 Optical Time Domain Reflectometer (OTDR) provides testing flexibility by combining a rugged platform with field-interchangeable multimode, single-mode and advanced testing modules. Designed for testing and troubleshooting of LAN, Telco, CATV and FTTx networks, all OTDR modules can be used as Continuous Wave (CW) light sources. Available as options on the mainframe are a power meter and visual fault locator (VFL). The OV-1000 also has an internal 8 GB flash memory that stores at least 1,500 traces and eliminates the need for a hard drive, which can fail under extreme field conditions. For extra storage capacity, the unit offers three USB ports for portable file transfer. The OV-1000 has the capacity to hold up to two OTDR modules or one OTDR module and one advanced testing module at the same time. Modules can be easily switched out in the field, without the use of

tools, in just a matter of seconds. The OV-1000 has a 6.4 in. color screen that is resistant to shock, water and the most common chemicals in the field. The screen is large enough to view both the trace and the event table simultaneously, eliminating the need to toggle back and forth between the two. Along with offering three OTDR test modes - Auto, Advanced and Template Trace - the OV-1000 is future-ready with the ability to accept protocol-testing modules such as Gigabit Ethernet characterization. You can even project the OV-1000 screen onto a projector via the remote desktop. An optional handheld analog video probe is available and is the ideal solution for inspecting the quality of a fiber optic connector end-face.

Anixter No.	Vendor No.	Description
490596	1002DK-MDSD	Deluxe kit includes Dual Multimode and Dual Single-mode OTDR (module 400-MDSD) mainframe with power meter and VFL, SC and ST Compatible OTDR and meter port adapters, OTS-Reporter2 processing software, cleaning supplies and hard-shell transit case
414464	VIPROBE-DUAL	200x/400x video inspection probe includes: video inspection probe (200x/400x magnification), FC-SC tip for bulkheads, U25M universal patch cord tip for 2.5 mm ferrules, compartmented plastic case for tips

> Basic kits and accessories are available. For more information, contact your local sales representative.

Optical Time Domain Reflectometer (OTDR) Launch Fiber, Access Jumper (PTBs and PTFs)

CORNING CABLE SYSTEMS

Corning Cable Systems offers two OTDR launch cable solutions created with high-quality Corning fiber and cable assemblies. Used for connecting between the OTDR and system-under-test, these launch cables can also be used on the far end of the system-under-test as a receive fiber. The optical launch cables for OTDR are also included.

Both options come with a wide variety of configurations depending on customer application. The PTB is a small, portable test bag that offers a low-cost, compact launch cable and can be placed inside most OTDR transit cases. The PTB also offers a carabineer for attaching to an equipment rack, belt loop, bucket lift or messenger. The second solution is a portable test fiber case (PTF), which offers a ruggedized, easy-to-configure solution. The rugged construction allows for shipment of the launch cable separate from the OTDR case.

Corning Cable Systems OTDR launch fiber is offered in several standard configurations which are often stocked and offer shorter lead times. However, these items can be custom built to meet your needs and specifications. Please contact your local sales representative for help with custom part-number configurations.

Anixter No.	Vendor No.	Description
426741	PTF-300M-SP5861	SC-ST, OS2
270845	PTF-100M-6P3950	SC-ST, OM1
426742	PTF-100M-5P0339	SC-LC, OM3

> Please contact your local sales representative for help with custom part-number configurations.

OTS-600 Series

CORNING CABLE SYSTEMS

The Corning Cable Systems OTS-600 Series, consisting of optical sources, meters, testers and kits with data-storage capabilities, is ideal for optical network certification. The unit is designed for testing and troubleshooting of various telecommunication networks, with ease of use achieved using a large, color LCD screen, soft-key menus and a testing wizard.

The OTS-600 Series units have data storage for 10,000 results, USB data transfer interface and a video inspection probe port. This unit comes standard with a 650 nm visual fault locator (VFL) for convenient troubleshooting of optical networks.

FEATURES

- Intuitive step-by-step loss-testing wizard that walks user through calculating pass/fail criteria, referencing and setting the file name
- Modular platform allows for future module upgrade
- Integrated video inspection probe (VIP) port for inspecting connector end-faces
- Provides source and meter in one unit for bi-directional testing functionality
- Auto wavelength switching and detection cuts typical testing time in half and reduces potential for errors
- USB data ports provide convenient transfer of data to OTS-View Windows-based PC software for storage, viewing and printing of test results
- Power meter has a range of +10 to -70 dBm

Anixter No.	Vendor No.	Description
370269	OTS-6MDSD	Single-mode/multimode test kit with OS-4RMDSD (850/1300 nm LED and 1310/1550 nm laser) source; OM-610 power meter; two Li-Ion rechargeable batteries and two AC power adapters; USB cable for data transfer; OTS-View software, one SC source port adapter, one SC meter adapter, one ST compatible meter adapter, one LC meter adapter, two wrist straps, cleaning supplies, multimode testing mandrels and hard transit case

LTK-400 Series

CORNING CABLE SYSTEMS

The Corning Cable Systems LTK-400 Series offers a complete, cost-effective solution for link-loss testing of both multimode and single-mode systems for those users who do not require data storage capabilities. The LTK offers unparalleled performance by combining a source that has one of the highest-output powers in the industry with a meter that has 10 calibrated wavelengths. The units can be powered by standard AA alkaline batteries, or by the supplied AC power adapters.

The LTK-400 Series meter and sources are sold individually or packaged as test kits. These test kits include everything needed to test "right out of the box."

The LTK-400 Series offers a rugged handheld design that can withstand the harshest testing environments. Both the source and meter have field-interchangeable port adapters. Automatic wavelength detection mode allows the power meter to detect/switch to the wavelength being transmitted by the source. Optical sources are available as single-mode only, multimode only, or as quad with both a single-mode and multimode source in the same unit.

TEST KITS WITH SOURCE AND METER

Includes OM-410 Meter (no data storage), AA batteries for each units, two AC power supplies, two wrist straps, plastic case of cleaning supplies and padded carrying case.

Anixter No.	Vendor No.	Description
309029	LTK-400MD	Multimode Loss Test Kit including OS-403D source (850/1300 nm LED), SC and ST Compatible jumpers and adapters for MM, one SC source port adapter and one ST compatible meter port adapter
308987	LTK-4MDSD	Quad Multimode and Single-mode Loss Test Kit including OS-4MDSD (850/1300 nm LED) and (1310/1550 nm laser) source, SC and ST Compatible jumpers and adapters for both multimode and single-mode, two SC source ports adapter and one ST compatible source port adapter

ACCESSORIES FOR OTS-600 AND LTK-400 SERIES

Anixter No.	Vendor No.	Description
314290	UI-SC	Universal interface source connector adapter, SC
314291	UI-ST	Universal interface source connector adapter, ST
314292	UI-FC	Universal interface source connector adapter, FC
314286	OA-SC	Power meter connector adapter, SC
314287	OA-ST	Power meter connector adapter, ST compatible

Test Equipment

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Test Equipment (side tab)

(continued) **LTK-400 Series**

Anixter No.	Vendor No.	Description
314288	OA-FC	Power meter connector adapter, FC
314289	OA-LC	Power meter connector adapter, LC
327816	OTS-COMBOMAN	Set of mandrels for 50 μm, 50 bend insensitive, and 62.5/125 μm multimode fiber

VFL-350 Visual Fault Locator

CORNING CABLE SYSTEMS

The VFL-350 Visual Fault Locator is a compact pen-design fault locator used to check single-mode and multimode optical fiber cables and components for faults, check system polarity or to locate individual fibers in a bundle. By transmitting a bright beam of red light into a fiber, breaks or improper terminations can be seen as a glowing red light with 635 nm wavelength. This device fits all 2.5 mm connector ferrules but there is an optional 1.25 mm adapter for the LC connectors. The VFL-350 operates on two AAA batteries and emits laser light of 635 nm (LASER Class 2 in accordance with IEC 825-2) with an output power less than 1mW. The robust and compact metal housing makes the device suitable for daily on-site use.

Anixter No.	Vendor No.	Description
251702	VFL-350	Visual fault locator, 635 nm penlight style

Handheld Field Inspection Microscope

CORNING CABLE SYSTEMS

Also ideal for troubleshooting contamination issues, their small size and rugged construction make these microscopes excellent for field use. Each comes with a soft carrying case and a universal 2.5 mm adapter for viewing most common connectors. A 1.25 mm universal adapter can be purchased separately and an array of connector-specific adapters are available for securely attaching the connector under inspection to the microscope. The microscopes have a built-in laser safety filter that provides a high level of attenuation at the most common laser wavelengths in case of accidental viewing of an active fiber. Both the 200FM and 400FM microscopes incorporate an LED designed to provide 100,000 hours of lamp life while using minimal battery power.

Anixter No.	Vendor No.	Description
352625	200FM	200x microscope with universal 2.5 mm adapter
220360	400FM	400x microscope with universal 2.5 mm adapter

T-BERD 4000 OTDR and FiberComplete Tester

JDSU

Testing metro, cable TV (CATV), access and fiber-to-the home (FTTH) networks with a larger crew calls for using high-performance handheld test equipment, which is both cost-effective and versatile. Whatever your needs, the T-BERD/MTS-4000 can provide an optimized OTDR plug-in option. The OTDR plug-in modules, together with the T-BERD/MTS-4000 family of products, provide a rugged, battery-operated handheld test solution. The large display combined with a comprehensive user interface makes it the ideal OTDR to respond to any test scenario.

The FiberComplete module offers the first solution of its kind that automatically performs all the fundamental fiber qualification tests, such as bi-directional insertion loss (IL) and optical return loss (ORL), distance and optical time domain reflectometry (OTDR), with one module and from one optical port.

FEATURES

- Large 7 in. indoor/outdoor color display
- Intuitive graphical user interface with touch screen option
- Connection checker with VFL, power meter and video inspection scope options
- Optimized OTDR plug-ins for enterprise, FTTH, access, metro and long-haul applications
- Highest OTDR performance with models with up to 42 dB dynamic range and 256,000 acquisition points
- Modules available for multimode, single-mode or both
- Instantaneous traffic detection when connecting live fiber
- Auto-test and automatic bend detection standard
- Integrated source and power meter under OTDR port
- Connect the JDSU FBP-P5000 scope to the unit via USB for automated pass/fail on fiber inspection

Anixter No.	Vendor No.	Description
441670	TB4-DIS-QUAD-S	T-BERD 4000 Quad OTDR package basic, which includes TB4000 mainframe, Quad module, light source options and SC adapters, fiber only
430670	TB4-DIS-QUAD-HPT	T-BERD 4000 Quad OTDR package deluxe, which includes TB4000 mainframe, Quad module, power meter/light source options and SC adapters - (can accept ESAM module)

Anixter No.	Vendor No.	Description
441671	TB4-DIS-MM-S	T-BERD 4000 multimode OTDR package
441672	TB4T-FCOMP2-MA	T-BERD 4000 package with 1310/1550 nm FiberComplete and integrated Metro-Access OTDR. Includes mainframe, FiberComplete OTDR module, bi-directional loss and length, light-source option, SC interchangeable adapters, jumpers, mating sleeves, nonreflecting terminations for zero ORL testing and carrying case
441673	TB4T-FCOMP3-MP49	T-BERD 4000 package with 1310/1490/ 1550 nm FiberComplete and integrated Metro-PON OTDR. Includes mainframe, FiberComplete OTDR module, bi-directional loss and length, light-source option, SC interchangeable adapters, jumpers, mating sleeves, nonreflecting terminations for zero ORL testing and carrying case

For more information and part-number configurations on the JDSU T-BERD 4000, contact your local sales office.

Anixter No.	Vendor No.	Description
459884	TB2-FCOMP2-FF	FiberComplete with FaultFinder (automated bi-directional loss, ORL and FaultFinder)
459885	TB2-FCOMP2-MA	FiberComplete with OTDR (automated bi-directional loss, ORL and OTDR)

OPTIONS

Anixter No.	Vendor No.	Description
459866	E20PMVFL	Built-in broadband power meter option with 2.5 mm ferrule universal connector adapter
484552	E20WIFI	Wi-Fi option for the T-BERD 2000 mainframe
459863	E20BLUE	Bluetooth option for T-BERD 2000
450921	FBP-SD101	Inspection kit digital FBP-5000i, FiberCheckPro software, FBPT tips SC, LC, U25M, U12M and carrying case

For more information and part-number configurations on the JDSU T-BERD 2000 OTDR, contact your local sales office.

T-BERD 2000 OTDR
JDSU

Testing metro, cable TV (CATV), access and fiber-to-the home (FTTH) networks with a larger crew calls for using high-performance handheld test equipment which is both cost-effective and versatile. Whatever your needs, the T-BERD/MTS-2000 can provide an optimized OTDR. The large display combined with a comprehensive user interface makes it the ideal OTDR to respond to any test scenario. The TB2000 provides a rugged, battery-operated handheld test solution.

FEATURES
- Large 5 in. indoor/outdoor color display
- Intuitive graphical user interface with touch screen option
- Connection checker with VFL, power meter and video inspection scope options
- Configurations available for multimode, single-mode or both
- Auto-test and automatic bend detection standard
- Connect the JDSU FBP-P5000 scope to the unit via USB for automated pass/fail on fiber inspection

Anixter No.	Vendor No.	Description
459882	TB2-DIS-2WLM	Single-mode OTDR
459883	TB2-DIS-MM	Multimode OTDR
449570	TB2-DIS-QUAD	Quad OTDR

OLP-34/35/38 and OLS-34/35/36 SmartPocket Optical Power Meters and Light Sources
JDSU

JDSU SmartPocket Optical Handhelds offer ergonomic and compact design with large display, straightforward user interface and key features to provide the most suitable test tool for technicians working with optical fiber.

The SmartPocket Optical Light Sources (OLS-3x) offer up to four wavelengths in one product and provide an ideal economical solution for installing and maintaining multimode datacom and local area networks LANs, as well as single-mode telecommunications and multimedia networks.

The SmartPocket Optical Power Meters (OLP-3x) offer fast and accurate measurements of optical power level and serve as ideal testing tools for installing single-mode and multimode optical networks.

Together they constitute a perfectly suitable tool for verifying link-insertion loss, measuring power level and checking continuity.

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Fiber Optic

(continued) OLP-34/35/38 and OLS-34/35/36 SmartPocket Optical Power Meters and Light Sources

FEATURES

- Rugged and pocket-size design
- Large display combined with an easy-to-use interface
- Long battery lifetime
- Three years calibration
- Universal optical interface for both power meter and light source
- Auto-wavelength recognition and TwinTest features for saving test time and error-free testing
- Permanent reference power level storage
- Fast download results using the micro USB port
- Report generation with OFS-355 software

SMARTPOCKET TEST KITS

Kits include AA alkaline batteries, AC power adapter, USB cable, one international adapter per source, operating manual, neck strap, soft case MT-2P and a USB stick including reporting software and all relevant documents.

Anixter No.	Vendor No.	Description
441818	2127/01	OMK-34P enterprise plus - MM SmartPocket test kit with interchangeable adapters and USB option
430665	2127/04	OMK-36P enterprise plus - SM/MM SmartPocket test kit with interchangeable adapters and USB option
441838	2127/02	OMK-35P service provider plus - SM SmartPocket test kit with interchangeable adapters and USB option
441839	2127/03	OMK-38P service provider Hi-Power Plus- SM SmartPocket test kit with interchangeable adapters and USB option

SMARTPOCKET OPTICAL LIGHT SOURCES

Includes interchangeable adapter, AA alkaline batteries, operating manual, neck strap and a belt bag.

Anixter No.	Vendor No.	Description
441840	2303/01	OLS-34 LED source, 850/1300 nm, MM
441847	2303/21	OLS-36 Quad Source, 850/1300/1310/1550 nm, SM, MM
441844	2303/11	OLS-35 laser source, 1310/1550 nm, SM

SMARTPOCKET OPTICAL POWER METERS

Includes 2.5 mm UPP adapter, AA alkaline batteries, operating manual, neck strap, a belt bag and USB download capability.

Anixter No.	Vendor No.	Description
441883	2302/11	OLP-34 optical power meter, germanium and +5 dBm with data storage
441884	2302/12	OLP-35 optical power meter, InGaAs and +10 dBm with data storage
441885	2302/13	OLP-38 optical power meter, filtered InGaAs and +26 dBm with data storage

ADDITIONAL ACCESSORIES

Anixter No.	Vendor No.	Description
441873	FCR-CLN-01	Fiber cleaning consumables kit
441874	2237/90.02	NiMH rechargeable batteries, Mignon AA, 1.2 V (two batteries)

Anixter No.	Vendor No.	Description
441875	2302/90.01	SNT-505; universal AC power adapter, micro USB connector
441876	2302/90.03	Neck strap for SmartPocket
441880	K 807	USB connection cable
441882	2127/90.01	MT-2P, soft case for two SmartPockets and accessories

For more information and part-number configurations, contact your local sales office.

FI-60

JDSU

The new JDSU FI-Series Live Fiber Identifier (LFI) addresses the real-world needs of fiber technicians with the ability to detect optical signals on a fiber cable without disrupting network traffic. Designed with user workflow in mind, this small form-factor device eliminates time-consuming and confusing problems encountered in other LFI devices. Simply align the jacketed fiber into the open channel and click the safe-latch trigger to identify activity or tones at 270 Hz, 330 Hz, 1 kHz and 2 kHz. Compatible with multiple cable diameters from 250 μm tight buffer to 3 mm jacketed fibers, this LFI is ideal for installation, service, maintenance or troubleshooting. This unique and compact tool is very easy to use.

FEATURES

- Slim form-factor design enables access to cables in densely populated areas
- Safe-latch trigger assures that the technician will not over-stress the fiber when testing, providing a repeatable and controlled engagement with fiber
- Easy to understand controls with visible "traffic" indicator and audible tone (solid or pulsed, depending on traffic type)
- Easily converts to an Optical Power Meter (OPM)
- Measures both absolute (dBm) and relative (dB) power measurements
- Store and recall up to 100 measurement readings directly on the device
- Download stored data to PC via USB connection
- User can define and customize list of selectable wavelengths
- Up to 2 kHz tone detection with user-adjustable power threshold
- Audible tone and visual indicator when power threshold is exceeded

Anixter No.	Vendor No.	Description
440203	FI-60	Live Fiber Identifier with removable LFI attachment, 2.5 mm and 1.25 mm OPM connector interfaces, USB cable, software and carrying case

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Fiber Essentials Toolkit

JDSU

The integrated features and contents of JDSU's fiber inspection and test kits are specially designed to optimize workflow and provide ultimate portability. It features the new FIT handheld inspection and test system that combines optical power measurement and dedicated patch cord inspection into one device. The kit also includes the industry-leading FBP Series probe for bulkhead inspection and a visual fault locator that quickly and easily locates fiber damage. The utility boot organizes these essential tools into one functional unit, making it ideal for field use.

FEATURES

- TFT LCD to view clear, crisp, detailed images of fiber end-faces with optimal resolution
- Inspects both sides of fiber interconnect and accurately tests and measures optical power with one device
- Integrated functions and features eliminate switching between multiple devices
- FBP series probe microscope and a dedicated patch cord microscope (PCM) let users quickly and easily inspect both sides of the fiber interconnects
- Integrated patch cord monitor eliminates need for changing inspection tips, prevents misrouting and protects patch cords
- Integrated power meter for all single-mode and multimode applications, such as LAN, telecom, CATV and DWDM testing
- Included pocket-size visual fault locator to quickly locate bends, breaks and damages in fiber
- Packaged in all-in-one portable organizer for essential fiber tools and includes neck strap for hands-free operation
- Includes cleaning tools for both patch cord and bulkhead cleaning
- Modulation frequency detection lets users identify individual fibers at specific tones
- Three-year calibration period
- Automatic wavelength detection (with JDSU optical light source)

FIBER ESSENTIALS TOOL KIT

Includes dual-mag FBP probe microscope and tips (SC and LC for UPC fiber), FIT-HP2-60-P4 inspection and test system with 400X PCM, compact visual fault locator, carrying case and batteries.

Anixter No.	Vendor No.	Description
416164	FIT-S105-PRO	Tool kit and inspection test system with 2 in. screen
425443	FIT-S205-PRO	Tool kit and inspection test system with 3.5 in. screen

> For more information and part-number configurations such as additional tips and adapters, contact your local sales office.

P5000 Digital Probe Microscope and FiberChek2

JDSU

FiberChek2 is an advanced application that determines the acceptability of optical fiber end-faces through automated inspection and analysis. It identifies and characterizes defects and contamination and determines their location relative to the fiber core. It then provides a pass or fail result according to a preconfigured failure criteria setting. The P5000 digital probe microscope connects directly to a PC or laptop via a USB 2.0 connection, and the unique QuickCapture button lets users capture, inspect and analyze a fiber end-face image in a single automated step. Inspect before you connect.

FEATURES

- FiberChek2 software is preprogrammed to comply with International Electrotechnical Commission (IEC) acceptance criteria standard (IEC 61300-3-35) for single-mode and multimode connectors
- Remove human subjectivity from fiber inspection and grading to ensure consistent results
- Archive results and images as HTML or PDF files and generate integrated reports
- Plug it directly into PC/laptop via USB 2.0 connection
- Produces crisp, clear view of fiber end-face condition with high-resolution 5MP camera and coaxial illumination
- Plug it directly into USB port on the TB4000 mainframe for automated pass/fail of fiber cleanliness

Anixter No.	Vendor No.	Description
441738	FBP-SD01	Digital fiber inspection probe microscope (USB 2.0), FiberChek2 software, interchangeable FBPT inspection tips (4) in hard case, SC and LC bulkhead tips, 1.25 mm patch cord tips and hard-sided carrying case
441803	FBP-P5000	Digital fiber inspection probe microscope (USB 2.0), FiberChek2 software, FBPT inspection tip, universal 2.5 mm patch cord tip and hard-sided carrying case

Fiber Optic

Fiber Scope Tips and Adapters

JDSU

JDSU manufactures 300+ tips and adapters for any fiber optic type and connector you need to inspect with probe microscopes for proper fiber care. JDSU supplies tips for enterprise networks, carrier backbone networks, mobile backhaul networks, CATV, FTTx, military/aerospace, ribbon fiber and backplane applications supporting the vast majority of connector types in virtually any application. Tips and adapters are available for both the patch cord (male) and bulkhead (female) portion of your fiber connection. FBPT tips and FMAE adapters are for use with JDSU's FBP-P5 or FBP-P5000 probe. Inspect before you connect.

Anixter No.	Vendor No.	Description
379493	FBPT-U12M	Tip univ. 1.25 mm/UPC patch cord
441806	FBPT-FC	Tip for FC/UPC bulkhead
441807	FBPT-FC-APC	Tip for FC/APC bulkhead
441808	FBPT-LC	Tip for LC/UPC bulkhead
441810	FBPT-SC	Tip for SC/UPC bulkhead
441811	FBPT-SC-APC	Tip for SC/APC bulkhead
441812	FBPT-ST	Tip for ST/UPC bulkhead
441813	FBPT-MTP-L	Tip MTP/UPC bulkhead long reach, X and Y axis pan knob
441814	FBPT-MTPA-L	Tip MTP/APC bulkhead long reach, X and Y axis pan knob
441915	FBPT-U25M	Tip univ. 2.50 mm/UPC patch cord
441917	FBPT-U25MA	Tip univ. 12.50 mm/APC patch cord

For more information and additional part numbers, contact your local sales office.

Visual Fault Locator

JDSU

Whether installing or troubleshooting, the visual fault locator (VFL) is an essential tool that quickly and easily locates problem areas in fiber cables. By pinpointing the exact location of fiber damage, technicians can diagnose, troubleshoot and fix the problem efficiently. JDSU offers two unique versions of the VFL that are economically priced and ergonomically designed for comfortable handling and portability. The VFL emits a bright red laser beam (Class II), making the light escaping from the damaged fiber easily visible from a distance. The continuous/flash control button lets operators choose between continuous or flashing illumination.

FEATURES

- Compact, ergonomic design for ultimate portability
- Visible wavelength is 650 nm
- High-powered laser (1 mW) for single-mode (> 7 km) and multimode (> 5 km) connectors
- Continuous or flash illumination
- Universal connector interface for quick and easy connection
- 2.5 mm connector input (1.25 mm adapter available)
- Includes soft-sided carrying case with belt loop

VISUAL FAULT LOCATOR

Anixter No.	Vendor No.	Description
416192	FFL-050	Pocket-size
441743	FFL-100	Ruggedized - with 1.25 mm adapter

UNIVERSAL 1.25 MM ADAPTER

Anixter No.	Vendor No.	Description
441744	FFL-U12	For FFL-100
441749	FFL-050-U12	For FFL-050

For more information and part-number configurations such as additional tips and adapters, contact your local sales office.

OptiFiber Pro OTDR

FLUKE NETWORKS

The OptiFiber Pro OTDR is the industry's first enterprise OTDR built from the ground up to meet the challenges of enterprise fiber infrastructures. This fiber troubleshooting and certification tool combines uncomplicated power with unparalleled efficiency and the exact functions needed for troubleshooting or certifying campus, data center and storage fiber networks. The OptiFiber Pro OTDR elevates fiber testing with the industry's only smartphone user interface that turns any technician into a fiber expert. The Fluke Networks DataCenter configuration eliminates uncertainty and errors that occur when testing data center fiber. Its ultrashort dead zones enable testing of fiber patch cords in virtualized data centers. These capabilities, plus the fastest-in-the-industry trace times, make the OptiFiber Pro OTDR a must-have tool.

FEATURES

- Effectively test data center fiber with the least set up and trace time
- Troubleshoot data center fiber links where short patch cables and dense connectors are common

- Maximize efficiency with a smartphone user interface that allows anyone to perform expert fiber troubleshooting and certification
- Maximize return on investment by enabling customized user and project folder capabilities
- Reduce network downtime by quickly and precisely identifying faults on single-mode or multimode fiber
- Accelerate fiber certification with trace times as short as two seconds in Quick Test mode

Anixter No.	Vendor No.	Description
463720	OFP-100-M	OptiFiber Pro multimode OTDR for troubleshooting and extended certification
463722	OFP-100-S	OptiFiber Pro single-mode OTDR for troubleshooting and extended certification
463718	OFP-100-Q	OptiFiber Pro Quad OTDR for troubleshooting and extended certification
463721	OFP-100-MI	OptiFiber Pro multimode OTDR for troubleshooting and extended certification; includes fiber inspection kit
463723	OFP-100-SI	OptiFiber Pro single-mode OTDR for troubleshooting and extended certification; includes fiber inspection kit
463719	OFP-100-QI	OptiFiber Pro Quad OTDR for troubleshooting and extended certification; includes fiber inspection kit

DTX-CLT CertiFiber Optical Loss Test Set

FLUKE NETWORKS

The DTX-CLT CertiFiber Optical Loss Test Set provides a complete Tier 1 fiber certification (loss, length and polarity) solution for both multimode and single-mode fiber. Leveraging the market-leading DTX CableAnalyzer interface, it performs easy and quick validation of fiber link performance and installation quality, measurement of optical loss at multiple wavelengths and polarity confirmation. It even measures fiber length, eliminating the need for unreliable guesswork and estimation methods. Cut testing time in half by testing two fibers in both directions at two wavelengths without swapping main and remote units! Save, upload, manage and print comprehensive certification reports using Fluke Networks' popular LinkWare PC software.

FEATURES

- 12-second Autotest - loss measurement of two fibers at two wavelengths, optical link budget calculation and a PASS/FAIL analysis
- Optimized for applications ranging up to 10 Gig
- Interchangeable multimode and single-mode modules (which are also compatible with the popular DTX CableAnalyzer)
- Accurate fiber length measurement - eliminate haphazard guessing

- Continuity and polarity verification
- Easy-to-use and widely recognized DTX-based interface

DTX-CLT CERTIFIBER OPTICAL LOSS TEST SET

Anixter No.	Vendor No.	Description
416002	DTX-CERTIFIBER-M	Multimode DTX-CLT CertiFiber, includes DTX-MFM2 and one set of 50 μm SC/SC test reference cords
416003	DTX-CERTIFIBER-S	Single-mode DTX-CLT CertiFiber, includes DTX-SFM2 and one of SM SC/SC test reference cords
416004	DTX-CERTIFIBER-MS	Multimode and single-mode DTX-CLT CertiFiber, includes DTX-MFM2 and DTX-SFM2 and one set each of 50 μm and SM SC/SC test reference cords
416005	DTX-CERTIFIBER/MU	Replacement mainframe for DTX-CLT CertiFiber
416006	DTX-CERTIFIBER/RU	Replacement remote for DTX-CLT CertiFiber

SUPPORT

Anixter No.	Vendor No.	Description
280633	GLD-DTX-FIBERMOD	One-year Gold Support for DTX fiber module set
485616	GLD-DTX-CRT	One-year Gold Support for DTX-CLT CertiFiber mainframe set

Fiber OneShot PRO

FLUKE NETWORKS

Whether you are troubleshooting FTTx, Hybrid Fiber Coax (HFC), fiber between Central Offices or working on regional/rural access networks, Fiber OneShot PRO is your first response to fiber trouble. The Fiber OneShot PRO analyzes fiber links and measures faults up to 15 miles in less than five seconds. The one-button test feature means no training and can cut the average job time by 30 percent. This new class of tester fills the gap between a VFL and OTDR because it easily and quickly locates lossy connections, high-loss faults and breaks in a single-mode fiber network.

FEATURES

- Measure up to 75,459 ft. (23,000 m) of fiber in seconds
- Locate severe bends, high-loss splices, breaks and dirty connectors in single-mode fiber
- Save and store up to 99 test results for later review
- Confirm channel connectivity by analyzing the fiber link
- Locate sources of bit-error rates caused by end-face contamination or poor connection leads
- Reports up to nine multiple events per fiber link

Anixter No.	Vendor No.	Description
441397	FIBR-1-SHOTPRO	Fiber OneShot PRO only - includes meter, SC adapter, 22-language QRG on CD, manual and batteries
441399	FIBR-1-KITPRO	Fiber OneShot PRO-SC kit - includes meter, SC adapter, UPC-UPC 2-meter patch cord, holster, case, 22-language QRG on CD, manual and batteries
441402	FIBR-1-KITPRO-VF	Fiber OneShot PRO-SC kit with VisiFault - includes meter, SC adapter, UPC-UPC 2 m patch cord, holster, case, 22-language QRG on CD, manual and batteries plus the VisiFault visual fault locator with 2.5 mm universal adapter
441404	FIBR-1-KITPRO-PM	Fiber OneShot PRO-SC kit with SimpliFiber Pro - includes meter, SC adapter, UPC-UPC 2 m patch cord, holster, case, 22-language QRG on CD, manual and batteries plus SimpliFiber Pro optical power meter and SC adapter

Anixter No.	Vendor No.	Description
441405	FIBR-1-KITPRO-VFPM	Fiber OneShot PRO-SC kit with VisiFault and SimpliFiber Pro - includes meter, SC adapter, UPC-UPC 2 m patch cord, holster, case, 22-language QRG on CD, manual and batteries plus the VisiFault visual fault locator with 2.5 mm universal adapter and SimpliFiber Pro optical power meter and SC adapter
411272	FIBR-1-SHOT	Fiber OneShot optical test set, SC adapter, holster, 22-language QRG on CD, manual and batteries
411273	FIBR-1-KIT-VF	Fiber OneShot optical test set, SC adapter, UPC-APC, UPC-UPC 1 m launch cords, holster, case, 22-language QRG on CD, manual, batteries and VisiFault visual fault locator with 2.5 mm universal adapter
411274	FIBR-1-KIT-PM	Fiber OneShot optical test set, SC adapter, UPC-APC, UPC-UPC 1 m launch cords, holster, case, 22-language QRG on CD, manual, batteries and SFPOWERMETER - SimpliFiber Pro optical power meter, SC adapter included
411276	FIBR-1-KIT-VFPM	Fiber OneShot optical test set, SC adapter, UPC-APC, UPC-UPC 1-meter launch cords, holster, case, 22-language QRG on CD, manual, batteries, VisiFault visual fault locator with 2.5 mm universal adapter and SFPOWERMETER - SimpliFiber Pro optical power meter, SC adapter included
441930	FIBR-UPC-CORD-2M	UPC-UPC patch cord, 2 meters

GOLD SUPPORT

Anixter No.	Vendor No.	Description
447440	GLD-FOS-PRO	One year of Gold Support for FIBR-1-KITPRO or FIBR-1-KITPRO-VF
447441	GLD-FOS-MULTIKITS	One year of Gold Support for FIBR-1-KITPRO-PM or FIBR-1-KITPRO-VFPM or LSPM

Fiber QuickMap Enterprise Fiber Troubleshooter

FLUKE NETWORKS

The Fiber QuickMap is a new category of fiber troubleshooter for the enterprise, quickly and efficiently locating connections and breaks in a multimode fiber network. One button press and six seconds of test time lead to immediate visibility and understanding of a multimode channel's links to identify any potential problem areas.

FEATURES

- One-button troubleshooting - no lengthy setup necessary
- Six-second test time - no more blind troubleshooting that can last hours
- Locate multiple incidents - quickly see potentially problematic connections in the channel
- Locate high-loss incidents or breaks - find the most common causes of fiber failure
- Locate reflective incidents - discover causes of bit error rates, a primary source of network degradation

Anixter No.	Vendor No.	Description
441701	FQM-MAIN	Fiber QuickMap mainframe with carrying pouch
441702	FQM-KIT	Fiber QuickMap kit with test reference cords (50 and 62.5 μm for both SC/SC and SC/LC) and carrying pouch
441704	FTS900	Fiber QuickMap kit with test reference cords (50 and 62.5 μm for both SC/SC and SC/LC), VisiFault visual fault locator and carrying case
441705	FTS1000	Fiber QuickMap troubleshooter kit with test reference cords (50 and 62.5 μm for both SC/SC and SC/LC), VisiFault visual fault locator, SimpliFiber Pro power meter and multimode source and carrying case
442403	FTS1100	Fiber QuickMap troubleshooter kit with test reference cords (50 and 62.5 μm for both SC/SC and SC/LC), VisiFault visual fault locator, SimpliFiber Pro power meter and multimode source, FT500 FiberInspector mini video microscope and carrying case

GOLD SUPPORT

Anixter No.	Vendor No.	Description
447443	GLD-FQM	One year of Gold Support coverage for the Fiber QuickMap kits: FQM-MAIN, FQM-KIT or FTS900
447450	GLD-FQM-FTK	One year of Gold Support coverage for the Fiber QuickMap kits: FTS1000, FTS1100 or FTS1100/E

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Test Equipment

MultiFiber Power Meter and Fiber Test Kits

FLUKE NETWORKS

MultiFiber Pro is the only fiber tester that tests MPO fiber trunks without the use of fan-out cords, eliminates the complexity of polarity issues and makes cassette testing in the field much easier.

Whether it is using 10 Gbps preterminated fiber trunks or planning for next-generation 40/100 Gbps performance, data centers are standardizing on an MPO connector solution. Typical fiber installation means time-consuming, manual and imprecise MPO validation. MultiFiber Pro is 90 percent faster than the single-fiber testing method because it measures power loss and validates polarity on 12 fibers in a single connector - reducing test time from weeks to days.

FEATURES
- Automatic scanning and testing of all fibers in MPO connectors
- Ensures correct end-to-end connectivity of MPO connectors with built-in polarity verification
- On-board MPO connector so no fan-out cords are required when testing fiber trunks
- Easy to interpret test result with a simple user interface that displays all 12 fibers
- Troubleshoots a single fiber by measuring loss of selective fiber within an MPO trunk
- No dust caps to manage or lose with shuttered MPO connector

Anixter No.	Vendor No.	Description
480118	MFTK1200	MPO testing base kit includes MultiFiber Pro power meter, 850 light source, test cords, MPO adapters and carrying case
480119	MFTK1400	MPO testing and inspection kit includes MFTK1200, FT600 FiberInspector Pro with NF370 MPO tip
480120	MFPOWERMETER	MultiFiber Pro optical power meter
480121	MFMULTIMODESOURCE	MultiFiber Pro multimode 850 LED light source
480129	TRC-MPO-PP-B	1 m test cord with MPO/MPO, pinned/pinned, type B polarity
480130	TRC-MPO-UP-B	1 m test cord with MPO/MPO, unpinned/pinned, type B polarity
480133	TRC-MPO-UU-B	0.3 m test cord with MPO/MPO, unpinned/unpinned, type B polarity
480136	BKC-MPO-ULC	1 m breakout cord for MPO unpinned LC connector
480137	BKC-MPO-USC	1 m breakout cord for MPO unpinned SC connector
480138	ADP-MPO-B	Type B polarity MPO adapter

GOLD SUPPORT

Anixter No.	Vendor No.	Description
480140	GLD-MF	One year of Gold Support for MFPOWERMETER/MFMULTIMODESOURCE
480141	GLD-MFTK	One year of Gold Support for MFTK1200 or MFTK1400

SimpliFiber Pro Optical Power Meter and Fiber Test Kits

FLUKE NETWORKS

With new, unique capabilities that simplify testing, the SimpliFiber Pro Optical Power Meter and Fiber Test Kits are ideal for conducting first-line fiber cabling installation or verification.

FEATURES
- Dual-wavelength testing - complete testing in half the time
- Additional wavelengths to include 1490 and 1625 - calibrated to extend from typical enterprise wavelengths for broader applications
- Min./max. - precision tracking of intermittent power fluctuations, a superior alternative to the inaccurate "wiggle" test
- CheckActive - audible tone and display icon alerts you to a live wire
- Saves 1,000 results - large internal memory enables continuous testing and recording; fully compatible with the popular LinkWare cable
- Test management software
- Quickly locate cable fault, polarity and connector problems with VisiFault VFL*
- Inspect end-faces at 200x magnification with the FT120 FiberViewer or FT500 FiberInspector Mini*
  *Not available in all kit configurations

COMPLETE FIBER VERIFICATION KIT (FTK1450)

The complete fiber verification kit is for contractors and network technicians who install and maintain premises networks with both multimode and single-mode optical fiber. Use this kit to verify optical loss and power levels at 850, 1300, 1310, 1490, 1550 and 1625 nm, inspect fiber end-faces, locate cable faults, connector problems and polarity issues. Kit combinations offer a variety of inspection options.

Anixter No.	Vendor No.	Description
381298	FTK1450	Includes SimpliFiber Pro power meter, 850/1300 and 1310/1500 sources (SC port), two FindFiber remote ID sources, FT500 FiberViewer video microscope, VisiFault VFL, LC and ST adapters, NFC-KIT-BOX cleaning equipment and carrying case

FULL-FEATURED INSPECTION AND MULTIMODE VERIFICATION KITS (FTK1300 AND FTK1350)

The full-featured inspection and multimode verification kits are for contractors and network technicians who install and maintain multimode premises networks. Use these kits to verify optical loss and power levels at 850 and 1300 nm, inspect fiber end-faces, locate cable faults, connector problems and polarity issues. Kit combinations offer a variety of inspection options.

Anixter No.	Vendor No.	Description
381296	FTK1300	Full-featured verification kit with FiberViewer. Includes SimpliFiber Pro power meter, 850/1300 source (SC port), FindFiber remote ID source, FT120 FiberViewer optical microscope, VisiFault VFL, LC and ST adapters and carrying case
381297	FTK1350	Full-featured verification kit with FiberInspector Mini. Includes SimpliFiber Pro power meter, 850/1300 source (SC port), FindFiber remote ID source, FT120 FiberViewer optical microscope, VisiFault VFL, LC and ST adapters and carrying case

BASIC VERIFICATION KITS (FTK1000-MM, FTK2000-SM AND FTK2100)

The basic verification kits are great starter kits for contractors and network technicians who install and maintain fiber links. Available in single-mode or multimode configurations, quickly verify optical loss and power levels at 850 and 1300 nm or 1310 and 1550 nm. Add additional sources, microscopes and VFL options as needed.

Anixter No.	Vendor No.	Description
381295	FTK1000	Basic verification kit (multimode). Includes SimpliFiber Pro power meter, 850/1300 multimode source (SC port) and carrying case
381299	FTK2000	Basic verification kit (single-mode). Includes SimpliFiber Pro power meter, 1310/1550 single-mode source (SC port) and carrying case
433245	FTK2100	Basic verification kit (SFPOWERMETER, SFSINGLEMODESOURCE, SFSINGLEMODE2 with case)

FIBERINSPECTOR MINI AND CLEANING KIT (FT525)

Choose this option if you are installing and maintaining any fiber optics network. Everyone using fiber optics needs to be inspecting and cleaning ports and end-faces prior to mating for top network performance.

Anixter No.	Vendor No.	Description
358648	FT525	FiberInspector Mini video microscope and cleaning kit case

SIMPLIFIBER PRO

Anixter No.	Vendor No.	Description
381294	SFPOWERMETER	SimpliFiber Pro power meter with SC adapter, carrying pouch
381993	SFSINGLEMODESOURCE	SimpliFiber Pro single-mode 1310/1500 source with SC port, carrying pouch
433244	SFSINGLEMODE2	SimpliFiber Pro single-mode 1490/1625 source

Anixter No.	Vendor No.	Description
381994	FINDFIBER	FindFiber remote ID source with SC port, carrying pouch
381995	FINDFIBER-6	Set of six FindFiber remote ID sources, carrying pouch

GOLD SUPPORT

Anixter No.	Vendor No.	Description
447442	GLD-SFPRO	One year of Gold Support for the SimpliFiber Pro devices and test kits: SFPOWERMETER, FTK1000 or FTK2000
368639	GLD-FTK	One year of Gold Support for SimpliFiber Pro Fiber Test Kits - Models: FTK1350, FTK1450 or FTK2100

FiberInspector Pro

FLUKE NETWORKS

The FiberInspector video microscope enables inspection of end-faces on all types of installed fiber. In a survey commissioned by Fluke Networks, end-face contamination was found to be the leading cause of fiber failures. By inspecting end-faces before mating, this common problem can be prevented.

The portable video microscope projects a crisp, clear image of microscopic debris and end-face damage on both patch cords and inside ports. Quickly determine whether fiber connectors on a hardware device are clean and in good condition without disassembling the device.

The FiberInspector Mini is exceptionally convenient while the full-featured Pro excels with its larger screen, rugged boot and wide array of adapter tips.

FEATURES

- Inspect all types of installed fiber to prevent the #1 cause of fiber failure
- Quickly determines whether fiber connectors on a hardware device are clean and in good condition without disassembling the device
- Contains high-magnification optics that provide crisp, clear images of microscopic debris and end-face damage
- The exceptionally convenient FiberInspector Mini uses a 200x magnification probe sufficient for inspecting both multimode and single-mode fiber
- The full-featured FiberInspector Pro excels with its dual-magnification (250x/400x) probe, large 3.5 in. screen, rugged boot and wide array of adapter tips

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(continued) FiberInspector Pro

Anixter No.	Vendor No.	Description
343307.	FT500	FiberInspector Mini video microscope
283138.	FT600	FiberInspector Pro video microscope
358648.	FT525	FiberInspector Mini video microscope and cleaning kit case
255469.	OFTM-5352	FiberInspector Pro for OptiFiber certifying OTDR
299602.	OPV-FT600	OptiView fiber inspector

ACCESSORIES

Anixter No.	Vendor No.	Description
239051	NF362	LC video probe adapter tip
261741	NF364	MU video probe adapter tip
283139	NF366	E2000 video probe adapter tip
335848	NF368	1.25 mm universal video probe adapter tip for male ends
341449	NF370	MTP/MPO video probe adapter tip
356762	NF395	APC video probe adapter tip for use with FT600
343308	NFM110	Accessory tip set for FiberInspector Mini (LC, FC and 1.25 mm)
356763	NF390	APC adapter tip for use with FT500

GOLD SUPERVISION SUPPORT

Anixter No.	Vendor No.	Description
283140	GLD-FTINSPECTOR	FiberInspector Pro Gold Support for one year

VisiFault Visual Fault Locator (VFL)

FLUKE NETWORKS

The laser-powered VisiFault visual fault locator (VFL) traces fibers, verifies continuity and polarity, and helps find breaks in cables, connectors and splices. Ruggedly constructed for demanding field-testing and includes a long battery life for hours of use.

FEATURES

- 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
- Features continuous and flashing modes
- Rugged case survives drops, impacts and vibrations

- Connects to 2.5 mm standard and 1.25 mm SFF connectors
- Over 40-hour battery life with two AA batteries

Anixter No.	Vendor No.	Description
283141	VISIFAULT	VisiFault visual fault locator with 2.5 mm universal adapter
283142	NF380	Universal adapter for connectors with 1.25 mm ferrules

Fiber Viewers

FLUKE NETWORKS

To ensure your termination is smooth, clean and ready for optical transmission. Rugged microscope with LED illumination available with either 200x or 400x magnification.

Anixter No.	Vendor No.	Description
222056	FT120	FiberViewer 200x
222057	FT140	FiberViewer 400x

33-960 Series Micro OTDRs

IDEAL INDUSTRIES

Designed with installers in mind, the 33-960 Micro OTDR offers excellent performance and ease of use in a truly handheld, lightweight and rugged package. It is ideally suited for the installation and troubleshooting of LAN, campus and WAN fiber networks. It combines high measurement precision with the user-friendliness of one-button operation resulting in accurate characterization of connectors and splices in addition to fast and reliable fault location. With the Macro Bend detector (MB) option, this OTDR provides a clear pass/fail indication for every link without the cumbersome manual evaluation of traces. This benefits less-experienced users by providing clear decision points on whether a line is good or bad.

33-960 SERIES MICRO OTDRS

Anixter No.	Vendor No.	Description
388800	33-960-30	Quad OTDR with 850/1300/1310/1550 nm
388823	33-960-30MB	OTDR kit with Tier 2 certification option and Macro Bend detection, with 850/1300/1310/1550 nm
393009	33-960-VP	Video probe with 200x and 400x magnifications

ACCESSORIES

Anixter No.	Vendor No.	Description
393010	1912-00-1621	Cleaning kit
393011	33-960-BP	Rechargeable battery
393012	33-960-KB	Foldable USB keyboard
393014	33-961-10	Adapter for FC connectors
393016	33-961-20	Adapter for SC connectors
393017	33-961-30	Adapter for ST connectors
393019	33-961-40	Adapter for E2000 connectors
393020	33-961-50	Adapter for DIN 47256 connectors
393022	33-961-60	Adapter for HMS-10/AG connectors

VFF5 Visual Fault Finder

IDEAL INDUSTRIES

The economical, redesigned VFF5 visual fault finder is a light source used to locate breaks and misconnections in fiber optic cables. A handheld battery-powered tool, the VFF5 projects highly visible red light into a fiber optic cable. The VFF5 is equipped with a high-power, extra-long-life laser which operates either in continuous (CW) or modulated mode up to 3 km (2.3 miles) into multimode fiber and 4 km (2.5 miles) into single-mode fiber.

FEATURES

• Finds breaks, faulty splices and crimps, poor components or connections
• Low-cost, basic fiber test tool
• Slim pocket-size tool (8.7 inch length)
• High-output, Class 2, 650 nm laser diode
• Includes carrying case, lens cap, batteries, lanyard and instruction book
• Rugged new metal body case design with protective Santoprene oversleeve
• Battery powered with improved battery life up to 80 hours in continuous mode
• Universal connector to support ST, SC and FC interface without additional adapters
• Improved mechanical design: resists water, improves grip and prevents rolling
• Improved carrying options: nylon holster and integrated swivel belt-clip

Anixter No.	Vendor No.	Description
198871	VFF5	Visual fault finder, 650 nm red laser

Microscope

COMMSCOPE SYSTIMAX SOLUTIONS

Anixter No.	Description	Material ID
182430	Microscope - 100x, with LC adapter	700005887
266003	300B microscope	700008063

Multimode and Single-mode Fiber Optic Test Set

GREENLEE

These conveniently packaged test sets are used to test, troubleshoot and maintain telco, CATV, LAN and other single-mode/multimode network applications.

FEATURES

• Insertion loss test set for multimode fiber
• 850/1300 nm loss measurements
• Connector for FC, SC or ST
• Rugged package design
• Easy-to-use portable package
• Economically priced

Anixter No.	Vendor No.	Description
329075	5890-FC	With FC connector
329076	5890-SC	With SC connector
329077	5890-ST	With ST connector

Multimode Fiber Optic Test Set

GREENLEE

Designed for the technician to perform installation and maintenance measurements on fiber optic cabling networks.

FEATURES

• Insertion loss test set for multimode fiber
• 850/1300 nm loss measurements
• Connector for FC, SC or ST
• Rugged package design
• Easy-to-use portable package
• Economically priced

Anixter No.	Vendor No.	Description
327977	5670-FC	With FC connector
327978	5670-SC	With SC connector
327979	5670-ST	With ST connector

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Sidekick T&N Telecom Tester

GREENLEE

Performs the patented Stress Test which reads audible noise produced on a faulted pair that is stressed by a 90 dBrnC excitation. This identifies DC resistive or capacitive imbalances. The patented Leakage Test detects intermittent faults that do not appear under normal VOM tests by using 135 V to "punch through" the oxide layer and reveal a cable fault. The Sidekick Plus includes an RFL and TDR.

FEATURES
- Measures resistance, AC/DC and capacitive kick
- Provides tone for twisted-pair or crossed-conductor identification
- Single setup for testing Tip-Ring, Tip-Ground and Ring-Ground
- Tests loop current, circuit loss, metallic noise, power influence and load coil detection

Anixter No.	Vendor No.	Description
228443	1137-5002	Sidekick T&N
331439	1155-5000	Sidekick Plus

Sidekick 7B Telecom Tester

GREENLEE

The Sidekick 7B determines the stressed noise susceptibility of dry and working pairs.

FEATURES
- Measures resistance, AC/DC and capacitive kick
- Provides tone for twisted-pair or crossed-conductor identification
- Single setup for testing Tip-Ring, Tip-Ground and Ring-Ground
- Minimal drying effect in all ranges
- Field replacement leads
- Soft case with adjustable strand hook
- Low-battery indicator light

Anixter No.	Vendor No.	Description
257835	1134-5029	Sidekick 7B

Load Coil Detector

GREENLEE

The Model 88 Load Coil Detector is designed for use on telephone cable by outside-plant or central-office personnel. Allows telephone personnel to quickly and easily indicate the presence and number of load coils (up to four) on an active or dead cable pair. The detector is lightweight and uses one 9 V battery.

Anixter No.	Vendor No.	Description
102679	88	Load coil detector

TS54 TDR

FLUKE NETWORKS

The innovative TS54 TDR (time domain reflectometer) is perfect for voice, data and video technicians and communications service provider technicians who need a best-in-class test set. There's nothing else like the TS54 TDR on the market today. No longer will you need to carry a separate TDR, toner, pair identifier - everything you need is in one newly redesigned and compact test set - that's a 62 percent weight reduction and a 20 percent cost reduction over existing products.

The TS54 TDR delivers 20 percent more extreme weather protection with the latest advancements to our patented RainSafe, DropSafe and DataSafe technology. This means the TS54 TDR is weatherproof and rugged and able to butt in on live DSL lines to test POTS quality without crashing data service.

FEATURES
- TDR - find cable length measurement and locate faults on virtually all types of cable including twisted pair, coaxial and parallel conductors
- Toner - five separate tones for fast and easy differentiation between multiple wire pairs
- SmartTone - short the correct pair and tone changes for exact pair identification
- Additional key testing functions include:
  - Data indication - warns when data is present on the line
  - Voltage indication/measurement - identifies potential line problems
  - Current (mA) indication/measurement - verifies sufficient line current
  - Caller ID with call waiting - verifies functional service
  - DTMF digit grabbing - isolates faulty customer premise equipment

- Detects dial tone, places and receives calls
- Polarity
- DropSafe PRO - passed 20-foot drop test onto concrete
- RainSafe PRO - protection for extreme weather conditions
- DataSafe PRO - prevents disruption of data transmission on the line
- High-visibility keypad with glow-in-the-dark keys for any outside plant environment
- Extra-large, backlit LCD screen
- Familiar, cell phone-like menu and user interface
- Two-way, hands-free speakerphone
- Optional headset

Anixter No.	Vendor No.	Description
478776	TS54-A-09-TDR	Test set + TDR, ABN with piercing pin
478785	TS54-BANA	Test set + TDR, 4 mm banana, extra-large alligator clips, test probe

ACCESSORIES

Anixter No.	Vendor No.	Description
485665	BELTCLIP-TS	Belt clip
485667	LEAD-PIRC-PIN	Test leads with piercing pin clips
485668	LEAD-CO-346A	Test leads with a 346A plug for the central office
485669	LEAD-ABN-PPIN	Test leads with angled bed-of-nails (ABN) and piercing pin clips
485671	LEAD-ALIG-CLP	Test leads with alligator clips
485672	LEAD-ABNPRJ11	Test leads with an RJ11 plug, angled bed-of-nails (ABN) and piercing pin clips
485674	LEAD-BANA-CLP	Test leads with a 4 mm banana plug, alligator clips and test probe
485676	HEADSET-TS	Headset

TS53 PRO

FLUKE NETWORKS

The TS53 PRO is a professional network test set. It delivers voice, data and video technicians and communications service provider technicians all the functionality needed in one telephone test set. The advanced TS53 PRO performs seven essential tests and contains all the latest advancements to our patented RainSafe, DropSafe and DataSafe technology all in our newly designed, ruggedly built case.

FEATURES
- Data indication - warns when data is present
- Voltage indication/measurement - identifies potential line problems
- Current (mA) indication/measurement - verifies sufficient line current
- Caller ID with call waiting - verifies functional service
- DTMF digit grabbing - isolates faulty customer premise equipment

- Detects dial tone, places and receives calls
- Polarity
- DropSafe PRO - passed 20-foot drop test onto concrete
- RainSafe PRO - protection for extreme weather conditions
- DataSafe PRO - prevents disruption of data transmission on the line
- High-visibility keypad with glow-in the-dark keys for any outside plant environment
- Extra-large, backlit LCD screen
- Familiar, cell phone-like menu and user interface
- Two-way, hands-free speakerphone
- Low battery and mute indication
- Optional headset

Anixter No.	Vendor No.	Description
478777	TS53-A-09	TS53, ABN with piercing pin
478778	TS53-P-01	TS53, piercing pin
478780	TS53-AR-09	TS53, ABN with piercing pinand RJ11
478781	TS53-C-04	TS53, Central Office (CO) 346A plug
478784	TS53-BANA	TS53, 4 mm banana and extra-large alligator clips and test probe

ACCESSORIES

Anixter No.	Vendor No.	Description
485665	BELTCLIP-TS	Belt clip
485667	LEAD-PIRC-PIN	Test leads with piercing pin clips
485668	LEAD-CO-346A	Test leads with a 346A plug for the central office
485669	LEAD-ABN-PPIN	Test leads with angled bed-of-nails (ABN) and piercing pin clips
485671	LEAD-ALIG-CLP	Test leads with alligator clips
485672	LEAD-ABNPRJ11	Test leads with an RJ11 plug, angled bed-of-nails (ABN) and piercing pin clips
485674	LEAD-BANA-CLP	Test leads with a 4 mm banana plug, alligator clips and test probe
485676	HEADSET-TS	Headset

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TS52 PRO Test Set

FLUKE NETWORKS

Fluke Networks' new TS52 PRO Caller ID test set features the latest in test-set technology. Designed with a superior, radiant liquid crystal display (LCD) user interface, it allows you to see what cannot be heard in any outside-plant environment. The backlit LCD and phosphorescent (glow-in-the-dark) keypad brings light to even the darkest of work environments.

FEATURES

- DataSafe Pro - superior high-impedance monitoring, lockout and override, making you completely safe in any mode
- Display - backlit LCD and glow-in-the-the dark keypad
- DropSafe - passes 20 foot drop test
- DSL/POTS filtering technology - allows technicians to clip on a live DSL line to test POTS service without downing or disrupting data service
- RainSafe - designed for use in rain conditions

FUNCTION

Data indication - warns when data is present
Voltage indication - troubleshooting feature to identify potential line problems
Current (mA) indication - verifies sufficient line current
Caller-ID - verifies service is functional
DTMF digit grabbing - isolate faulty customer premise equipment
Two-way hands-free speakerphone - for true hands-free conversation

Anixter No.	Vendor No.	Description
392770	52801009	TS52 PRO test set with angled bed-of-nails, cord with piercing pin
392771	52801004	TS52 PRO test set, CO with 346A plug
392769	52801001	TS52 PRO test set with piercing pin cord
392772	52801RJ9	TS52 PRO test set with angled bed-of-nails, cord with piercing pin and RJ11 plug

TS44 PRO Test Set

FLUKE NETWORKS

The TS44 PRO Test Set is equipped with new DataSafe PRO Data Protection Technology, high-impedance monitoring, data lockout and lockout override, making you safe in Talk, Monitor or Override mode. Filtering technology allows the technician to draw dial tone on a live DSL/POTS shared line to test the POTS service while protecting the DSL. Features include a two-way hands-free amplified speakerphone; advanced testing functions include low/high voltage and low (mA) current results displayed on an easy-to-read LED.

Anixter No.	Vendor No.	Description
360158	50801001	TS44 PRO test set with piercing pin only
360159	50801009	TS44 PRO test set with ABN
360160	50801004	TS44 PRO test set with 346A plug
360161	50801RJ9	TS44 PRO test set with ABN and RJ11 plug

TS42 Deluxe Test Set

FLUKE NETWORKS

The TS42DLX test set includes a new ergonomic design, waterproof, DropSafe durability and a three-year warranty. Features a two-way, hands-free amplified speakerphone for true hands-free conversation. Advanced testing functions for low-/high-voltage and low-current (mA) detection are displayed in easy-to-read LEDs.

Anixter No.	Vendor No.	Description
249196	42801009	TS42DLX with ABN
311950	42801004	TS42DLX with 346A plug
305963	42801001	TS42DLX with piercing pin clips

TS25D Test Set with LCD Kit

FLUKE NETWORKS

The new test set includes multiple testing features including data lockout and lockout override, making you completely safe in talk or monitor mode. The DSL/POTS filtering technology allows you to safely draw dial tone without downing DSL. A built-in tone generator simplifies wire identification with a probe. An amplified speaker makes monitoring the line hands-free, so you can keep working. The Talk Battery function provides voltage to carry voice conversation on nonpowered pairs. All in a compact unit with an oversize robust liquid crystal display (LCD) that makes the intuitive, common-sense menus easy to read and use.

FEATURES

- One-way speakerphone; kit includes earpiece, making the set hands-free
- Caller ID and call waiting Caller ID
- Data lockout detection
- Tone generator
- Continuity test for detecting shorts
- Phonebook
- DTMF digit grabbing to test other equipment for proper DTMF generation
- Row/column tones for single-tone dialing
- High- and low-voltage lockout
- Low-/high-voltage indication digital readout
- Low-current (mA) indication digital readout
- Overvoltage and overcurrent protection
- Selectable flash and pause duration
- Selectable timeouts to save batteries
- Speed dial (10 memories, 23 digits each)
- Battery-level indicator
- ADSL safe

Anixter No.	Vendor No.	Description
262444	25501109	TS25D test set with ABN (includes pouch and earpiece)
262443	25501009	TS25D test set with ABN

TS30 Analog Test Set

FLUKE NETWORKS

With its high-impedance monitor for DataSafe operation, technicians can clip onto a line in monitor mode, without disrupting data.

FEATURES

- New ergonomic design
- DropSafe reliability - passes 20 foot drop test
- RainSafe protection and weatherproof in severe weather conditions
- Hook-flash button
- Mute switch
- Last-number redial
- Audible ringer for callbacks

Anixter No.	Vendor No.	Description
210860	30800001	TS30 test set with piercing pin clips
196269	30800009	TS30 test set with ABN

TS23 PRO

FLUKE NETWORKS

The TS23 PRO gives voice, data and video technicians and communications service provider technicians all the functionality needed in a telephone test set while offering unbeatable reliability, durability and expanded utility. The TS23 PRO performs four essential tests and includes RainSafe, DropSafe and DataSafe technology all in a newly designed, ruggedly built case.

Four testing functions include:

- Voltage indication - identifies potential line problems
- Current (mA) indication/measurement - verifies sufficient line current
- Detects dial tone, places and receives calls
- Polarity
- DropSafe PRO - passed 20-foot drop test onto concrete
- RainSafe PRO - protection for extreme weather conditions
- DataSafe PRO - prevents disruption of data transmission on the line

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Test Equipment

Telecom

(continued) TS23 PRO

FEATURES

- Two-way, hands-free speakerphone
- Low battery and mute indication
- Optional headset

TS23 PRO TEST SET

Anixter No.	Vendor No.	Description
478787	TS23-A-09	Includes ABN with piercing pin
478788	TS23-P-01	With piercing pin
478790	TS23-AR-09	Includes ABN with piercing pin and RJ11 plug
478783	TS23-BANA	With 4 mm banana and extra-large alligator clips

ACCESSORIES

Anixter No.	Vendor No.	Description
485665	BELTCLIP-TS	Belt clip
485667	LEAD-PIRC-PIN	Test leads with piercing pin clips
485668	LEAD-CO-346A	Test leads with a 346A plug for the central office
485669	LEAD-ABN-PPIN	Test leads with angled bed-of-nails (ABN) and piercing pin clips
485671	LEAD-ALIG-CLP	Test leads with alligator clips
485672	LEAD-ABNPRJ11	Test leads with an RJ11 plug, angled bed-of-nails (ABN) and piercing pin clips
485674	LEAD-BANA-CLP	Test leads with a 4 mm banana plug, alligator clips and test probe
485676	HEADSET-TS	Headset

TS22 Series Analog Test Sets

FLUKE NETWORKS

The TS22 test set's unique built-in amplified speaker provides three audio levels for hands-free listening and use with automated voice response systems. The TS22 unit offers a combination of reliability, durability and expanded utility.

FEATURES

- Amplified speaker for hands-free monitoring
- DropSafe reliability - passes 20 foot drop test
- RainSafe protection in severe weather conditions
- PBX pause button and mute switch
- Stores nine 18-digit numbers in repertory dialer (speed dialing)
- Last-number redial

- Audible ringer for callbacks

Anixter No.	Vendor No.	Description
097795	22800001	TS22 with piercing pin clip
097790	22800009	TS22 with ABN
097792	22800007	TS22 with ground start cord, basic analog set

TS19 Analog Test Set

FLUKE NETWORKS

The TS19 test set combines all the basic test-set features. Its high-impedance monitor prevents accidental disruption of service from clipping onto a data line while in monitor mode, thus ensuring the integrity of critical data lines.

FEATURES

- Tone/pulse operation
- Last-number redial
- Spring-loaded field-replaceable belt clip
- Polarity indication in talk mode
- Two monitor modes
- High-impedance and ringing indication
- Additional line cords available, sold separately

Anixter No.	Vendor No.	Description
153534	19800009	TS19 with ABN
138370	19800003	TS19 with banana jacks and alligator clips

TS100 PRO

FLUKE NETWORKS

The new TS100 PRO cable fault finder with PowerBT bridge tap detect not only provides open/short circuit detection - to 8,000 feet (2.4 kilometers) - but is also a telecom technician's first line of defense against bridge taps. Because bridge taps are a significant source of DSL network performance problems, they need to be identified and fixed quickly before causing customer attrition. This five-in-one tool is so affordable every technician can have one.

ANIXTER

FEATURES
- Bridge tap detection for xDSL pre-qualification
  - Reports distance to bridge taps up to 3,200 feet (975 meters)
  - Find multiple bridge taps and their length
  - Sees past bridge taps to the end of the cable
- Long-distance tester - tests opens and shorts up to 8,000 feet (2.4 kilometers)
- Patented SmartTone tone generator with five different tones for exact pair identification
- Built-in TDR (time domain reflectometer)
- AC/DC voltage detection
- One-button testing
- Built-in toner

Anixter No.	Vendor No.	Description
453403	TS100-PRO-BT-TDR	TS100 PRO cable fault finder TDR kit with bridged tap detect
453756	LEAD-ABNP-100	Test lead with angled-bed-of-nails and piercing pin. Compatible with the TS100 and TS100 PRO
453757	CASE-TS100	TS100/TS100 PRO pouch with Fluke Networks' logo
453758	LEAD-ALIG-100	Test lead with alligator clips. Compatible with the TS100 and TS100 PRO
453759	LEAD-ABN-100	Test lead with angled-bed-of-nails. Compatible with the TS100 and TS100 PRO

PE900 Series Test Sets
GREENLEE

The PE900 Series telephone test sets are waterproof-tested to an IEC IP67 rating. The PE961 features the DigAlert overvoltage alarm and lockout function to eliminate the danger of damaging or knocking out digital service lines. The new PE961 provides full ADSL compatibility.

FEATURES
- 10-number speed-dial memory (32 digits each)
- Last-number redial
- Precise hook flash
- Microphone mute
- Audible and visual mode indicators
- Polarity test in any mode

- Unique quick-release belt clip
- Premium cordset with bed-of-nails and piercing pin clips

Anixter No.	Vendor No.	Description
247474	PE930	Adjustable ringer, red
238785	PE945	Two-way hands-free, green
244839	PE961	Two-way hands-free, DigAlert Lockout, ADSL compatibility

Tele-Mate Test Set
GREENLEE

The TM500 is an affordable solution for technicians needing to troubleshoot communications circuits. The TM700 adds Caller ID, call waiting and multilanguage display and displays line current and voltage.

FEATURES
- Headset included for hands-free operation
- Luminescent (glow-in-the-dark) keypad
- Can be used safely on a DSL-enabled line
- Overvoltage and overcurrent protection
- High-impedance monitor for monitoring line without disrupting existing traffic
- Adjustable volume control plus mute
- Polarity test with LED indicator
- 10-number speed dial
- 32-digit last number redial and pause
- Flash to generate a timed break call
- Line powered; no battery needed
- RJ11 socket

Anixter No.	Vendor No.	Description
461179	TM500	Tele-Mate telephone test set with ABN "bed-of-nails" croc clips
461180	TM700	Tele-Mate Pro test set with ABN angled "bed-of-nails" croc clips

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Test Equipment

Standard Modular Adapter

FLUKE NETWORKS

These modular adapters provide a quick connect to modular telephone jacks using any standard butt-in test set.

Anixter No.	Vendor No.	Description
041274	10113000	Standard modular adapter

In-line Modular Adapters

FLUKE NETWORKS

The In-line Modular Adapter permits testing on working lines without disrupting service and helps determine whether the trouble is in the phone or in the line. This unit works like the Fluke Networks standard modular adapter, but has the added feature of replaceable test leads.

FEATURES

- Rugged design
- Slanted clips to prevent butt-set clips from disconnecting from the banjo

Anixter No.	Vendor No.	Description
136767	10210100	4-wire in-line modular adapter
249072	10210101	4-wire in-line modular adapter with K-plug
136768	10220100	6-wire in-line modular adapter
249073	10220101	6-wire in-line modular adapter with K-plug
136769	10230100	8-wire in-line modular adapter
249074	10230101	8-wire in-line modular adapter with K-plug
136745	10200000	Replacement modular cord (4 and 6)
136746	10300000	Replacement modular cord (8)

Telephone Line Tester

INDEPENDENT TECHNOLOGIES

A pencil-sized test device for testing analog telephone lines at the connecting block or network interface. This device will check for open line, polarity, AC voltage and dead line. On digital lines, it may or may not show voltage present.

Anixter No.	Vendor No.	Description
102617	3003	Telephone line tester

T-BERD/MTS-6000A with Multiservices Application Module MSAM for Transport Testing

JDSU

The T-BERD/MTS-6000A with the Multiservices Application Module (MSAM) provides the industry's most compact and modular multifunction, multilayer DS1 to 10-Gigabit tester for designing, installing and maintaining carrier-grade networks. The MSAM enables a highly portable test set with the versatility needed to support Ethernet Layers 2-7, SONET/SDH, DSx/PDH, OTN, datacom and Fibre Channel in one platform. With testing capabilities designed for Ethernet Backhaul, Metro Core telecom networks, cable provider switch centers, government telecommunications centers and providers labs, the MSAM is the latest innovation for the award-winning, industry-leading T-BERD/ MTS family of test solutions.

FEATURES

- Layer 2 through Layer 4 comprehensive 10-stream Ethernet testing, enabling service activation and application performance modeling for quality of service verification
- Enhanced RFC2544 tests includes frame delay variation, asymmetric rates and concurrent results to reduce overall testing time
- OTN testing supported from OTU1 to OTU2e, including SDH and Ethernet clients
- Fibre Channel support includes automated RFC-like scripting test, buffer-to-buffer control verification, FC port and fabric login
- Modular form-factor enables field expandability of test capabilities by adding modules and software test options
- Simultaneous Ethernet, Fibre Channel, and SONET/SDH/ PDH testing from 10 Mbps to 10 Gbps
- Options available for Datacom testing for EIA-530, EIA-530A, RS-449/V.36, RS-232/V.24, X.21, V.35, MIL-188C and conditioned diphase serial interfaces

Anixter No.	Vendor No.	Description
441902	TB6000A-1G-10GE-DP	TB6000A 10/100/1000M, GigE, 10GE dual-port package
441903	TB6000A-DC	TB6000A datacom package
441904	TB6000A-DS3-GIGE-DP	TB6000A DS-STS1 and GigE dual-port package
441905	TB6000A-GIGECU-DC	TB6000A 10/100/1000M Ethernet and datacom package
441906	TB6000A-OC12-GIGE-DP	TB6000A DS1-OC12 and GigE dual-port package
441907	FBP-MTS-001	TB6000/MTS probe kit with 200/400X FBP P505 probe with USB adapter, seven tips and case

OPTIONS

Anixter No.	Vendor No.	Description
442386	CTLAYER4	10M-1GE Layer 4 line rate TCP/UDP with automated TCP throughput testing TrueSpeed
442387	CT10GLAYER4	10G Layer 4 TCP line rate with automated TCP throughput testing TrueSpeed
442388	CTLSCAPTURE	Packet capture at 1G and 10/100/1000M with WireShark decode and J-Mentor troubleshooting assistant
442389	CT10GCAPTURE	Packet capture at 10G with WireShark decode and J-Mentor troubleshooting assistant
442390	CT1G2GFC	2G/1G Fibre Channel test option
442392	TB6000A-4GFC	4G Fibre Channel with 1310 nm and 850 nm 4G SFPs
442391	CT10GFC	10G Fibre Channel test option

This is a sampling of the kits and configurations. For more information, complete package contents, options available or part-number configurations, contact your local sales office.

T-BERD/MTS-5800 Handheld Network Tester

JDSU

The T-BERD/MTS-5800 handheld network tester is the industry's smallest 10G handheld instrument and supports testing throughout the entire service network life cycle, including installation, troubleshooting and maintenance. It is designed for field technicians who must verify network configurations, including network transparency, tunneling, and Ethernet OAM designs, as well as ensuring end-customer service level agreements (SLAs). Integrated J-Complete functionality, such as capture/decode and automated J-Mentor, helps field technicians perform guided troubleshooting without having to carry a separate analyzer instrument.

The T-BERD/MTS-5800 is a cost-effective field instrument that not only covers your test needs of today but also supports the cutting-edge technologies of tomorrow, namely Synchronous Ethernet and 1588v2 PTP.

FEATURES

- Handheld instrument that supports 10G Ethernet, SONET/SDH and PDH testing with fixed interfaces
- Dual-port operation enables performing two tests simultaneously
- Rapid boot-up from power on to start of test
- Wi-Fi for test set connectivity and remote control with VNC
- FiberScope connectivity
- Enhanced RFC 2544, including frame delay variation, asymmetric rates and concurrent results to reduce overall test time
- Carrier Ethernet testing with link and service OAM (Y.1731), PBB/PBT, MPLS/VPLS, MPLS-TP, VLAN, Q-in-Q and J-Proof Ethernet transparency
- Verify Ethernet synchronization using 1588v2 PTP or G.826x-based Synchronous Ethernet

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T1/WAN Analysis

(continued)   T-BERD/MTS-5800 Handheld Network Tester
- Line rate packet capture up to 10 Gbps
- Packet decodes with integrated WireShark
- J-Mentor provides expert troubleshooting post-capture analysis

TESTERS

Anixter No.	Vendor No.	Description
442624	TB5801-GIGE	TB5801 with 1GE optical and 10/100/1000 Mbps electrical Ethernet, optics and fiber patch cables
442626	TB5812-1G-10GE	TB5812 with 1GE and 10GE optical and 10/100/1000 Mbps electrical Ethernet, fiber inspection scope, optics and fiber patch cables
442627	TB5802-GIGE-DP	TB5802 dual port with 1GE optical and 10/100/1000 Mbps electrical Ethernet, optics and fiber patch cables
442628	TB5812-1G-10GE-DP	TB5812 dual port with 1GE and 10GE optical and 10/100/1000 Mbps electrical Ethernet, fiber inspection scope, optics and fiber patch cables
442629	TB5802P-DS3-GIGE-DP	TB5802P dual port with DS1/DS3/STS1,1GE optical and 10/100/1000 Mbps electrical Ethernet, optics, bantam, BNC and fiber patch cables
442630	TB5802P-OC12-GIGE-DP	TB5802P dual port with DS1/DS3/STS1, OC3-12, 1GE optical and 10/100/1000 Mbps electrical Ethernet, optics, bantam, BNC and fiber patch cables
442631	TB5802P-OC48-GIGE-DP	TB5802P dual port with DS1/DS3/STS1, OC3-48, 1GE optical and 10/100/1000 Mbps electrical Ethernet, fiber inspection scope, optics, bantam, BNC and fiber patch cables
442632	TB5812P-OC192-10GE-DP	TB5812P dual port with DS1/DS3/STS1, OC3-192, 1GE and 10GE optical and 10/100/1000 Mbps electrical Ethernet, fiber inspection scope, optics, bantam, BNC and fiber patch cables

OPTIONS

Anixter No.	Vendor No.	Description
442633	C5LSCAPTURE	10/100/1000 Mbps and 1 GigE packet capture test option
442634	C510GCAPTURE	10 GigE packet capture test option
442635	C5LSSYNCE	1 GigE optical Sync-E test option
442636	C510GESYNCE	10 GigE optical Sync-E test option
442637	C5LS1588	10/100/1000 Mbps and 1 GigE IEEE 1588 test option
442638	C5JPROOF	J-Proof Layer 2 transparency test option
442639	C5MPLSVPLS	Ethernet MPLS/VPLS test option
442640	C5MPLSTP	Ethernet MPLS-TP and OAM test option

This is a sampling of the kits and configurations. For more information, complete package contents, options available or part-number configurations, contact your local sales office.

HST-3000 Handheld Services Tester

JDSU

The growth of converged services has changed the landscape of the telecommunications industry, creating new opportunities and posing new challenges. A need exists to deploy complex, new services to meet the demand for the triple play of voice, video and data, coupled with the challenge to improve customer service and reduce operating expenses. The right set of tools to do the job quickly and effectively is needed to successfully navigate this dynamic new world. The modular platform provides maximum flexibility through software options and field-swappable service interface modules (SIMs) for copper- and fiber-based multiservice testing. As the role of the technician moves beyond the physical layer to testing services and applications, the lightweight, rugged and battery-operated HST-3000 smoothly supports changing test needs. This handheld, modular platform for copper and multiservice testing supports technologies such as Gigabit Ethernet, T1/T3 circuits, serial datacom, DSL copper, POTs and more.

FEATURES

- Industry-leading access network tester with legacy-to-cutting-edge functionality in one handheld platform
- Repeatable, customizable functionality enables technicians to ramp up quicker and resolve more issues daily
- Supports triple-play, FTTN, FTTx, Ethernet, IPv4, IPv6 and TDM network tests
- Enables export of results to a PC or back-office system
- Provides ideal solution for circuit-switch to packet-switch migration

Anixter No.	Vendor No.	Description
362090	HST-PKG1	HST-PKG1 Basic ADSL2+
362091	HST-PKG2	HST-PKG2 copper/ADSL2+ loaded
362092	HST-PKG3	HST-PKG3 basic copper
362093	HST-PKG4	HST-PKG4 advanced copper upgrade
441760	HST-PKG5	HST-3000 package for T1
441761	HST-PKG6	HST-3000 package for T1 + ISDN PRI
441762	HST-PKG7	HST-3000 package for T1 and T3
441763	HST-PKG8	HST-3000 package for T1, T3 and ISDN PRI
441767	HST-PKG9	HST-3000 pkg. for copper, T1 and ISDN PRI
441768	HST3000-ETH-P3	Optical Ethernet gold package
441796	HST3000-ETH-P1	Electrical Ethernet nest value package
441802	HST3000S-VOIP	Addition of VoIP software option to HST3000

This is a sampling of the kits and configurations. For more information, complete package contents, options available or part-number configurations, contact your local sales office.

Test Equipment

SmartClass Ethernet

JDSU

The SmartClass Ethernet product is an easy-to-use, cost-effective Ethernet-testing solution for basic physical layer cable testing, Layer 2 and Layer 3 traffic generation and full RFC 2544 testing. The rugged, battery-operated, application-specific test tool enables field technicians to turn-up Ethernet and IP services by running an RFC 2544 test or following a set of methods and procedures. The product has been designed for frontline technicians who do not have experience dealing with emerging Metro Ethernet technologies and need a simple-to-use solution for Ethernet and IP testing. The SmartClass product comes in two major configurations, one a loopback-only device and the other featuring full traffic generation.

FEATURES
- Measures QoS parameters, including throughput, jitter, latency and error ratio
- Checks VLAN/Q-in-Q-based next-generation networks
- Supports 10/100/1000 Mbps testing
- Completely qualifies Ethernet and IP circuits

Anixter No.	Vendor No.	Description
396372	CSC-ETHLP-P1	Electrical-only loopback configuration
396373	CSC-ETHLP-P2	Optical and electrical loopback configuration
396374	CSC-ETHLP-P3	Optical and electrical loopback with accessories
362089	CSC-ETHTR-P1	Electrical traffic configuration
362088	CSC-ETHTR-P2	Optical and electrical traffic configuration
362087	CSC-ETHTR-P3	Optical and electrical traffic with accessories

For more information and part-number configurations, contact your local sales office.

635 QuickBERT-T1

FLUKE NETWORKS

The 635 QuickBERT is a quick and easy-to-use test set for those who provide and use T1 services. After connecting the 635, service technicians can verify facility integrity, configuration parameters and general performance. For quick and easy troubleshooting, this tester automatically synchronizes and verifies DS1 bit error performance, frequency and level.

Anixter No.	Vendor No.	Description
215850	635	QuickBERT-T1 tester

ACCESSORIES

Anixter No.	Vendor No.	Description
221910	633/635-KIT	Cable kit

CopperPro Series II Broadband Loop Tester

FLUKE NETWORKS

Quickly clarify the facilities for ADSL, VDSL, HDSL, T1 and other special services with the CopperPro Series II Broadband Loop Tester. Building on the popularity of the original CopperPro, the CopperPro series II broadband loop tester is a complete solution for locating faults (TDR and RFL), troubleshooting and qualifying OSP copper cables and network services. Includes carry case, test leads, 12 V and 120 V chargers, wire gauge and strapping cord.

Anixter No.	Vendor No.	Description
346688	990DSL2+	CopperPro Next Gen copper loop analyzer with TDR and wideband spectral analysis for ADSL2+
346689	990VDSL	CopperPro Next Gen copper loop analyzer with TDR and wideband spectral analysis for VDSL
243955	990DSL	Series I POTS-only loop tester
250480	990DSLWT	Series I loop tester with wideband and TDR

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490 Series Industrial-grade Multimeters

IDEAL INDUSTRIES

The IDEAL 490 series are industrial-grade high-performance, data-logging multimeters to measure AC/DC voltage, resistance, continuity, capacitance, frequency, temperature and true RMS. These troubleshooting features, 20,000-count resolution and accuracy help solve problems in electrical equipment, plant automation, electronics and power distribution. Software and USB cable are included. #61-498 has 0.015 percent DCV accuracy and #61-497 has 0.03 percent DCV accuracy.

FEATURES
- True RMS
- Analog bar graph
- Auto/manual ranging
- 20,000-count high-resolution mode
- Capacitance, frequency and temperature
- CAT III 600 V
- Low-battery indicator
- Carrying case included
- Two-year warranty

MULTIMETER, TRUE RMS, DATA LOGGING, SOFTWARE AND CABLE

Anixter No.	Vendor No.	Description
442118	61-497	0.03 percent DCV accuracy
442122	61-498	0.015 percent DCV accuracy

ACCESSORIES

Anixter No.	Vendor No.	Description
442120	61-906	ProVision II software

361 Contractor-grade Multimeter

IDEAL INDUSTRIES

The IDEAL #61-361 is a contractor-grade multimeter with true RMS, AC/DC voltage and current, capacitance, temperature and frequency. These troubleshooting features help solve problems in electrical equipment, plant automation, electronics and power distribution.

FEATURES
- Manual ranging
- Phase rotation
- Peak min./max.
- Relative mode
- Audible continuity
- Rugged construction
- Auto power off and low-battery indicator
- Probe holder and rubber boot with tilt stand
- Overload protection on all ranges
- CAT III 1,000 V
- Two-year warranty

Anixter No.	Vendor No.	Description
442125	61-361	361 multimeter with true RMS and test leads

340 Series TestPro Multimeters

IDEAL INDUSTRIES

The IDEAL 340 series are affordable multimeters with AC/DC voltage and current, capacitance, temperature and frequency. The large numbers and symbols are easy to read on the oversize display. These meters troubleshoot electrical circuits, equipment, electronics and power distribution. The #61-342 adds true RMS.

FEATURES
- Auto/manual ranging
- Peak min./max.
- Relative mode
- Data hold
- Auto power off and low-battery indicator
- Probe holder and rubber boot with tilt stand
- Overload protection on all ranges
- CAT III 600 V
- Two-year warranty

Anixter No.	Vendor No.	Description
395743	61-340	Multimeter, true RMS
388068	61-342	Multimeter, true RMS, backlight data acquisition

SureTest Circuit Analyzers

IDEAL INDUSTRIES

FEATURES

- Super-bright display
- Measures voltage drop under load (12 A, 15 A, 20 A load tests)
- Estimates load on line (ELL) up to 15 A
- True RMS
- Line voltage
- Peak voltage
- Frequency
- Ground to neutral voltage
- Ground impedance
- Hot and neutral conductor impedances
- Identifies proper wiring in three-wire receptacles
- Identifies false (bootleg) grounds
- Tests GFCIs (6-9 mA) and EPDs (greater than 30 mA) for proper operation
- Conducts testing without disturbing sensitive loads
- Verifies isolated ground (with 61-176 adapter)
- Two-year warranty
- Includes carrying case and one-foot extension cord

Anixter No.	Vendor No.	Description
370350	61-164	SureTest circuit analyzer
442130	61-165	SureTest circuit analyzer — tests AFCIs wiring tests for shared neutrals

OPTIONAL ACCESSORIES

Anixter No.	Vendor No.	Description
370351	61-175	Ground continuity adapter
370352	61-176	Isolated ground adapter
370353	61-183	Alligator clip adapter

Open/Closed Circuit Tracers

IDEAL INDUSTRIES

FEATURES

- Exclusive, super-bright rotating display
- Identifies breakers and fuses
- Pinpoints opens and shorts
- Traces wires
- 0-99 display of signal strength
- Audible intensifies in tone/pitch
- Can be used on circuits 0-600 V AC/DC
- Works on energized or de-energized circuits
- Various modes of sensitivity - search high, search low, trace and breaker
- Peak bar graph
- Two-year warranty

Anixter No.	Vendor No.	Description
388825	61-956	With rotating OLED display, transmitter and test lead set
388826	61-958	With ground clamp and battery pack

Infrared Thermometer

IDEAL INDUSTRIES

The IDEAL infrared (IR) thermometer is the noncontact way to make safe and quick temperature checks on mechanical equipment, electrical circuits and building systems while in operation. Regular monitoring of heat (infrared energy) emitted from surfaces can prevent potential problems and failures.

FEATURES

- Measurement range of -76° to 932°F (-60° to 500°C)
- Holds and displays the maximum temperature measured
- Single-spot laser sighting
- Distance-to-spot ratio 12:1
- Maximum, minimum, difference and average temperature displays
- Programmable high-alarm and low-alarm settings with audible warning
- Supports K-type thermocouple (not included)

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Electrical

(continued)   Infrared Thermometer

- Adjustable emissivity
- Backlit display
- Two-year warranty

Anixter No.	Vendor No.	Description
386652	61-685	Infrared (IR) thermometer, carrying case
442116	61-461	K-type thermocouple accessory

Ground Resistance Clamp Meter

IDEAL INDUSTRIES

The IDEAL 920 series ground resistance tester enables users to test grounding systems without disconnecting the ground, saving both time and effort. By simply clamping around the grounding rod or ground conductor, it provides direct measurements of both ground resistance and ground leakage current.

FEATURES

- Simple clamp-on operation
- Ground resistance measurements up to 1,200 ohms
- Ground leakage current up to 30 A AC
- Noise check function
- Auto ranging
- Accommodates conductor size up to 1.25 in. (32 mm) 1,000 MCM cable
- Memory saves up to 99 readings
- Data hold
- Audible continuity buzzer
- Auto power off with alarm
- Backlight
- Audible resistance alarm
- Double reinforced insulation
- Includes protective case, calibration loop, user manual and four AA batteries

Anixter No.	Vendor No.	Description
388827	61-920	Ground resistance clamp meter

Insulation Meter

IDEAL INDUSTRIES

The IDEAL #61-797 digital insulation meter is the tool needed to determine whether the insulation is performing at an effective and safe level. It verifies the integrity of insulation in cables, motors and other devices to keep current flowing safely through the copper conductor. The meter identifies capacitive, absorption and leakage current, helping to prevent problems before they result in injury or equipment failure. This tester is rugged and built for industrial and commercial applications.

FEATURES

- Test voltages at 50/100/250/500/1,000 V
- Insulation resistance - up to 20G ohms
- Earth-bond resistance - 0.01 ohms to 40k ohms
- Automatic calculation of PI and DAR
- Auto-sensing AC/DC voltage to 600 V
- Low pass filter - filters out high-frequency noise
- Earth-bond resistance
- Test inhibition if > 30 V
- Digital reading with analog arc
- Compare pass/fail mode
- Remote test probe
- Store/recall memory
- Auto discharge and auto power off
- Backlit display - auto-sensing
- Low-battery indication
- Carrying case included
- CAT IV 600 V
- Two-year warranty

Anixter No.	Vendor No.	Description
386653	61-797	Digital insulation meter

Test Equipment

ANIXTER

3-phase Power Analyzer

IDEAL INDUSTRIES

The IDEAL #61-807 power-quality analyzer is a versatile and easy-to-use tool that will record everything you need for energy, power and power-quality measurement. The unit measures and analyzes power quality on all single- and 3-phase electrical systems. Instantaneous readouts of current, voltage, power and harmonics including tables, bar graphs and even individual waveforms make job-site data interpretation easy. With a real-time clock and 1 MB data-logging memory, the power analyzer stores data that can be downloaded to a personal computer for in-depth analysis using PowerVision software.

PowerVision software provides automatic generation of useful tables and graphs. Files are easily downloaded from the #61-807 unit. It provides multiple ways to view basic and detailed information, allowing you to create custom graphs, charts and tables. Compare up to 12 variables simultaneously. Easily scroll through, expand and collapse data over time. Compare data from multiple files to show before-and-after studies. Data can be exported into Excel or Word reports. Highly trained technical-support people are always a phone call away.

FEATURES

- True RMS
- Single- or 3-phase measurements
- Data logging (1 MB memory)
- Up to one month of recording time
- Four channels for voltage measurements
- Four channels for current measurements
- Auto ranging
- Min./max./average
- Energy and harmonics program
- Lightweight, portable design
- User-selectable - FIFO or fill-and-stop memory
- Programmable trigger-points and start/stop time
- Intelligent battery-charging system
- Easy setup
- 600 V CAT III-rated
- Two-year warranty

POWER ANALYZERS

Includes set of three 1,000 A AC clamps (61-811), voltage leads with alligator clips (TL-806), power supply with RS-232 interface and cables, PowerVision analysis software, demonstration CD and instructions, protective carrying case

Anixter No.	Vendor No.	Description
370782	61-807	Has four current channels and backlit display. Includes part no. 61-813 100 A AC neutral clamp

ACCESSORIES

Anixter No.	Vendor No.	Description
370821	61-813	One 100 A AC neutral clamp
442393	61-457	200/2,000/20,000 A AC flexible clamp adapters (set of three)

Voltage Performance Monitor (VPM)

IDEAL INDUSTRIES

The IDEAL #61-830 VPM identifies only those voltage conditions that can damage equipment or cause equipment failure. Poor voltage quality costs money. Undiscovered voltage problems increase facility expenses, warranty costs and downtime, plus shortens the life of equipment.

FEATURES

- Monitor voltage near sensitive equipment
- Real-time true RMS voltage, frequency and harmonics monitoring
- Logs voltage sags, swells and impulses
- Measures percentage THD and logs periods over three percent (line to neutral)
- Selectable thresholds based on the most accepted international standards, defaults to ITIC (Information Technology Industry Curve)
- Custom programmable event thresholds
- Invertible display, when it is necessary to plug in upside down
- Two-year warranty
- Includes set of four adapters and carrying case

APPLICATIONS

Installation and service technicians - monitor voltage at point of equipment connection
Electricians - eliminate guesswork on service calls
Building-maintenance technicians - identify voltage-caused equipment failures
Equipment manufacturers - eliminate unnecessary warranty costs
Hospital/IT maintenance engineers - monitor voltage quality to critical equipment

Anixter No.	Vendor No.	Description
370341	61-830	Voltage performance monitor
370343	61-2004	Kit with one SureTest 164, four voltage performance monitors 61-830 and softcase C-2004

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Power Quality

TightSight 660 A/1,000 A Clamp Meters with Bottom Display
IDEAL INDUSTRIES

Exclusive TightSight® View

This new, improved and complete line of industrial clamps designed by IDEAL elevates the standard for safety and performance. It starts with the revolutionary TightSight display. It allows the user to keep his head and face out of potentially dangerous situations while viewing the instrument. The high-voltage indicator indicates the presence of voltage through the test leads even with the dial set to the wrong function. The units have a CAT IV safety rating, rugged construction and UL listing.

FEATURES
- TightSight bottom display
- Selectable audible and visual voltage alerts on AC/DC voltage functions
- Bright bold backlit display with large numbers and symbols
- Tapered jaws with hook tip
- Capacitance
- AC/DC voltage
- Measures AC current
- High frequency rejection
- Resistance
- Max./min. hold
- Peak hold
- Audible continuity
- Selectable auto power off
- Data hold
- Low-battery indicator
- Two-year warranty

660 AMP CLAMP METERS WITH TIGHTSIGHT BOTTOM DISPLAY
Includes true RMS.

Anixter No.	Vendor No.	Description
386655	61-763	Capacitance frequency
386656	61-765	AC/DC current

1,000 AMP CLAMP METERS WITH TIGHTSIGHT BOTTOM DISPLAY

Anixter No.	Vendor No.	Description
386910	61-773	True RMS
421435	61-775	True RMS, AC/DC current capacitance

ClampPro 600 amp Clamp Meter
IDEAL INDUSTRIES

FEATURES
- Measures up to 600 V AC
- Noncontact voltage indicator (70 V-600 V AC)
- Tapered jaws with hook-up
- Auto/manual ranging
- Data hold
- Auto power off
- Low-battery indicator
- Two-year warranty

Anixter No.	Vendor No.	Description
388824	61-744	ClampPro 600 amp Clamp Meter, compact size with NCV

HeatSeeker Thermal Imagers

IDEAL INDUSTRIES

Troubleshoot and identify potential problems before they happen with the IDEAL HeatSeeker thermal imagers. Three cameras are now available to cover a wider range of applications. Cursors instantly locate the hottest and coldest temperature on a live screen. Cameras have the ability to overlay a thermal image on top of a digital image for easy on-the-job decision making. The easy setup and operation of the HeatSeeker make it a cost-effective tool for electrical service, industrial maintenance, building inspection and data center applications.

FEATURES

- Blended thermal and digital image (0-100 percent and PIP)
- Hottest/coldest temperature displayed instantly on live screen
- 1,849 temperature measurements live on camera screen
- Class II laser for view centering
- Built-in LED light for working in dark environments
- High- and low-temperature alarms
- Mark images with text and voice annotation
- Sequence image recording up to every hour
- Sequence image recording activated by alarm settings
- Measurement range of 14°F to 662°F (#61-844)
- Measurement range of 14°F to 1,832°F (#61-846)
- Measurement range of 14°F to 482°F (#61-848)
- Cursors - two movable on #61-844 and four movable (with independent emissivity settings) on #61-846 and #61-848
- Field of view - 20 x 20 on #61-844, 10 x 15 on #61-846 and 21.4 x 16 on #61-848
- Focal plane array - (47 x 47) on #61-844, (160 x 120) on #61-846 and (320 x 340) on #61-848
- Accuracy of +/- 2 percent or +/- 2 degrees C
- Six-hour battery life (4 hours on #61-848)
- Power - internal rechargeable Li-Ion battery on #61-844 and field-replaceable rechargeable Li-Ion battery on #61-846
- Tripod mountable
- Carrying case and ThermalVision PC software included
- Two-year warranty

HEATSEEKER THERMAL IMAGERS

Anixter No.	Vendor No.	Description
386651	61-844	HeatSeeker thermal imager (47 x 47) and removable handle
434500	61-846	HeatSeeker 160 thermal imager (160 x 120)
486414	61-848	HeatSeeker 320 thermal imager (320 x 240)

ACCESSORIES

Anixter No.	Vendor No.	Description
386657	61-844CAR	Car charger for #61-844
393000	61-844LS	Light shade for #61-844 and #61-846
442115	61-846CAR	Car charger for #61-846
442394	61-846BAT	Removeable/rechargeable battery
442395	61-846DT	Desktop charger
442396	61-846HC	Hard transport case

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