

NETWORK/ETHERNET TEST

NETWORK TESTERS



EXFO FTB-8120NGE/8130NGE POWER BLAZER NEXT-GENERATION MULTISERVICE TEST MODULES

SONET/SDH, OTN, Ethernet and Fibre Channel test functions in the industry's smallest and most efficient form factor—a new standard in multiservice field testing.

Applications

- MSTP, MSPP and ROADM field installation, commissioning and service turn-up
- DS_n/PDH and SONET/SDH up to OC-192/STM-64
- OTN (ITU-T G.709) with FEC testing and ODU multiplexing up to 10.7 Gbit/s
- 10/100/1000M, GigE and 10 GigE (LAN/WAN) BERT and RFC 2544 testing
- 1x, 2x, 4x and 10x Fibre Channel testing

Key Features and Benefits

- 1x, 2x, 4x and 10x Fibre Channel testing DS0/E0 to OC-192/STM-64/OTU2: 10 Mbit/s to 10 Gbit/s LAN/WAN as well as 1x, 2x, 4x and 10x Fibre Channel testing in the industry's smallest form factor
- Fully integrated solution for assessing the performance of Ethernet transport networks, including RFC 2544, BER testing and multistream generation and analysis
- Comprehensive Fibre Channel test capabilities, including framed and unframed BERT, buffer-to-buffer credit estimation and round-trip latency measurements
- OTN forward error correction (FEC) and optical channel data unit (ODU) multiplex testing capabilities as per ITU-T G.709
- Offers ODU0 (1.25 Gbit/s) container with Gigabit Ethernet and SONET/SDH client signals for qualifying newly and efficiently mapped transport and datacom services over OTN

P/N	Description
FTB-81xx	Next-Generation Multiservice Test Modules

Multiple configurations available. Please check with your TVC representative or www.tvcinc.com for details.



FLUKE NETWORKS NETTOOL SERIES II INLINE NETWORK TESTER

The NetProve™ diagnostics isolates and documents network device and application connectivity issues in seconds. Connect inline at 10/100Gig to see actual traffic between network and end devices to solve problems fast. Diagnose IP phone problems and measure VoIP call quality. Troubleshoot PoE and network cabling.

- Verify, isolate, and document network connectivity and application port response problems faster than ever before with automated NetProve diagnostics
- NetTool Series II is the only handheld troubleshooting tool with inline vision into 10, 100 and Gigabit links to see the actual traffic between the network and end devices like PCs, access points and security cameras
- Internal wiremap - WireView Cable ID, cable length, opens, shorts, and split pairs

P/N	Description
NTS2-PRO	NetTool Series II Pro includes 10/100/1000Mbps inline, NetProve diagnostics, IntelliTone toning, NetTool Connect PC software, WireView Wiremapper #1, set of 4 AA alkaline batteries, USB to mini-USB cable, Ethernet cable, Getting Started Guide, CD with Multi-language User Manuals, and soft carrying case

Multiple configurations available. Please check with your TVC representative or www.tvcinc.com for details.



FLUKE NETWORKS ETHERSCOPE™ SERIES II NETWORK ASSISTANT

The EtherScope™ Series II is a handheld Ethernet Analyzer combining essential tools to help first responders quickly identify what and where the problem is so they can fix it fast. Troubleshoot 10, 100 and Gigabit links, copper and optical fiber cabling wired and wireless LANs. Measure and characterize link performance at rates up to 1 Gbps.

- The right combination of troubleshooting tools in a handheld platform to help network professionals solve a wide range of problems fast
- Analyze 10/100/Gigabit twisted pair and Gigabit fiber optic Ethernet LANs, troubleshoot switched networks, discover devices, networks and VLANs and monitor traffic statistics
- Characterize the performance of LAN and WAN links. Measure throughput, latency and frame loss per RFC 2544 at rates up to 1 Gbps over copper or optical fiber cabling

P/N	Description
ES2-LAN-SX	LAN analyzer with Fiber option
ES2-LAN-SX/I-LRD	LAN analyzer with Fiber and ProVision/RFC2544 options, plus a LinkRunner Duo Reflector kit
ES2-PRO-SX/I-ACK **	LAN and WLAN analyzer with Fiber and ProVision/RFC2544 options, plus an AirCheck Wi-Fi Tester
ES2-PRO-SX/I-LRDACK **	LAN and WLAN analyzer with Fiber and ProVision/RFC2544 options, plus a LinkRunner Duo Reflector kit, an AirCheck Wi-Fi Tester, and an extended accessories kit

**For sale only in countries where the AirCheck Wi-Fi Tester is certified



NETWORK/ETHERNET

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JDSU LANSCAPERPRO™ NETWORK TESTER

In network mode testing, the easy-to-use LanScaperPRO enables quick identification at unknown RJ45 jacks for active Ethernet, POTS, token ring, or other devices as well as for presence of devices using power over Ethernet (PoE) at the other end of the jack or cable being tested.

- Identifies and measures power delivered by IEEE 802.3af PoE and legacy Cisco In-Line Power
- Detects and reports speed and capabilities for active Ethernet and other devices up to 1 Gbps

P/N	Description
NT800	LanScaperPRO Cabling and Network Tester with cable test remote. Includes 30.48 cm (1 ft) RJ45 to alligator clips cable (TP40), two 30.48 cm (1 ft) cables with RJ45 connectors (TP55), two 19 cm (7.5 in) RJ12 to RJ12 cables for no-fault connection to RJ11 or RJ45 jacks (TP20), and nylon case. Requires four AA batteries (not included)
NT850	LanScaperPRO Cabling and Network Tester Kit with 8 cable test remotes and probe. Includes 30.48 cm (1 ft) RJ45 to alligator clips cable, two 30.48 cm (1 ft) cables with RJ45 connectors, two 19 cm (7.5 in) RJ12 to RJ12 cables for no-fault connection to RJ11 or RJ45 jacks, Tone Tracer Probe, and nylon case. Requires four AA batteries (not included)



NETWORK WIRE MAPPERS

JDSU NET-RITE™ CONTINUITY AND WIREMAP TESTER

The Net-Rite™ Cable Tester is an economical, compact Continuity and Wiremap Tester for Ethernet cable. The ergonomic handheld unit is easy to use with no buttons to push to initiate testing. The auto-on feature starts the test when a short or remote is detected. The removable onboard remote enables longer cable runs and enables testing up to 305 meters (1,000 feet).

- Tests Ethernet cable for opens, shorts, split pairs, miswires, and reversals
- Shows cable faults per TIA568 specifications
- Displays test results on full LCD, including PASS and FAIL
- Onboard remote stores in the bottom of the main unit
- Auto-on when short or remote is sensed
- Auto-off when remote is disconnected

P/N	Description
TP250	Net-Rite Cable Tester with onboard cable test remote. Includes four 6-volt button cell batteries
KP260	Net-Rite Cable Tester with Trace-Rite™ Tone Generator. Includes Trace-Rite Tone Generator with Probe, RJ11 to alligator clips cord set, and Net-Rite Cable Tester with onboard cable test remote



NETWORK/ETHERNET

METRO ETHERNET TESTERS

EXFO AXS-200/850 ETHERNET TEST SET

Delivers comprehensive, yet straightforward test functionalities for installing, turning up or maintaining Ethernet and IP services.

Applications

- Performance assessment of Carrier Ethernet services
- Installation, activation and maintenance of metro Ethernet networks
- Deployment of active Ethernet (point-to-point) access services

Key Features and Benefits

- Bidirectional RFC 2544 testing with independent results for each direction tested simultaneously
- Traffic generation and monitoring for network performance testing
- Multiple background streams traffic for Carrier Ethernet services testing
- Bit-error-rate testing (BERT) up to layer 4
- Cable testing
- Intelligent network autodiscovery for simplified loopback testing
- Configurable VLAN and Q-in-Q capability
- QoS, ToS and diffserv capabilities
- Pass/fail results (LED indicators) with user-defined thresholds

P/N	Description
AXS-850	Ethernet Test Set

Multiple configurations available. Please check with your TVC representative or www.tvcinc.com for details.



NETWORK/ETHERNET TEST



METRO ETHERNET TESTERS

EXFO AXS-200/805/855 MULTILAYER ACCESS TEST SET

The industry's first all-in-one handheld solution for dual E1/DS1, DS3, ISDN PRI and Ethernet testing. Delivers comprehensive, yet straightforward test functionalities for installing, turning up or maintaining.

Applications

- Performance assessment of Carrier Ethernet services
- Installation, activation and maintenance of metro Ethernet networks
- Deployment of active Ethernet (point-to-point) access services

Key Features and Benefits

- Compact, lightweight platform purpose-built for harsh field environments
- Eliminates errors in data interpretation with radically simple, intuitive interface
- Validates test results with real-time insertion of voice traffic using talk-set capability
- Increases technician efficiency by allowing to run up to three tests simultaneously
- Turnkey Ethernet testing, including simultaneous bidirectional RFC 2544, multistream traffic generation, BERT and intelligent autodiscovery for end-to-end single-technician testing

P/N	Description
AXS-855	Multilayer Access and Ethernet Test Set
AXS-805	Multilayer Access Test Set

Multiple configurations available. Please check with your TVC representative or www.tvcinc.com for details.



EXFO FTB-8510B PACKET BLAZER ETHERNET TEST MODULE

Fully integrated test solution for performance assessment of Ethernet transport networks.

Applications

- Performance validation of carrier-grade Ethernet services
- IPTV testing and analysis (option available only with the FTB-500 platform)

Key Features and Benefits

- Complete EtherSAM (ITU-T Y.1564) test suite. EtherSAM is the new standard for turning up and troubleshooting mobile backhaul and business Ethernet services
- Throughput, back-to-back, latency and frame loss measurements as per RFC 2544 (bidirectional results)
- Multistream generation and analysis, allowing quality of service (QoS) verification through VLAN and ToS/DSCP prioritization testing
- True wire-speed, stateful TCP throughput test for undisputable SLA reinforcement for Ethernet services
- IPTV testing and analysis
- Up to 1 Gbit/s full-line-rate data capture and decode
- Complete Carrier Ethernet services portfolio: PBB-TE (MAC-in-MAC), MPLS, MPLS-TP, 802.3ah and IPv4/IPv6
- 1x and 2x Fibre Channel testing

P/N	Description
FTB-8510B	Ethernet Test Module

Multiple configurations available. Please check with your TVC representative or www.tvcinc.com for details.



NETWORK/ETHERNET

EXFO FTB-8510G PACKET BLAZER 10 GIGABIT ETHERNET TEST MODULE

Offers performance assurance for Ethernet-based services, supporting 10 Gigabit Ethernet WAN and LAN rates for total network testing. Provides all the test and measurement functionalities required to verify service-level agreement (SLA) conformity.

Applications

- Performance validation of carrier-grade 10 gigabit Ethernet services
- BERT, RFC 2544 and advanced layer 3 and 4 traffic generation and analysis

Key Features and Benefits

- Complete EtherSAM (ITU-T Y.1564) test suite. EtherSAM is the new standard for turning up and troubleshooting mobile backhaul and business Ethernet services
- LAN and WAN PHY capability in a single module
- Fully integrated functionality for assessing the performance of Ethernet transport networks
- Packet jitter measurement to qualify Ethernet transport networks for transmission of delay-sensitive traffic such as video and voice-over-IP (VoIP)
- Throughput, back-to-back, latency and frame loss measurements as per RFC 2544 (bi-directional)
- Multistream generation and analysis, allowing quality of service (QoS) verification through VLAN and ToS/DSCP prioritization testing
- Up to 10 Gbit/s full-line-rate data capture and decode
- MPLS, MPLS-TP, PBB-TE and IPv4/IPv6 support for complete Carrier Ethernet validation

P/N	Description
FTB-8510G	10 Gigabit Ethernet Test Module

Multiple configurations available. Please check with your TVC representative or www.tvcinc.com for details.



METRO ETHERNET TESTERS



EXFO BV10 PERFORMANCE ENDPOINT UNIT

Highly cost-effective Ethernet performance monitoring device providing complete network visibility for mobile backhaul, Carrier Ethernet and PTN networks.

Applications

- Ethernet performance monitoring

Key Features and Benefits

- Fully integrated in EXFO's end-to-end mobile backhaul solution for service turn-up, troubleshooting and performance monitoring
- Offers complete network visibility at a third of the cost of traditional Ethernet NID solutions
- Simple and remote management for zero-truck-roll network maintenance
- Completely standards-based, supporting Ethernet OAM, with 802.1ag and Y.1731 message response as a performance endpoint, as well as TWAMP (RFC 5357)
- Capability to perform full-line-rate loopback from layer 2 up to layer 4 with rates of 10/100/1000 Mbit/s



P/N	Description
BV10	Performance Endpoint Unit

Multiple configurations available. Please check with your TVC representative or www.tvcinc.com for details.

EXFO FTB-860 NETBLAZER SERIES ETHERNET TESTERS

Offers field technicians comprehensive, yet simple test suites to quickly and easily turn up, validate and troubleshoot Ethernet services, with full EtherSAM capabilities, from 10 Mbit/s to 10 Gbit/s.

Applications

- Deployment, validation and troubleshooting of access and metro Ethernet services
- Comprehensive testing across 10 Mbit/s to 10 Gbit/s network environments

Key Features and Benefits

- Accelerate Ethernet service activation with bi-directional EtherSAM (ITU-T Y.1564) and RFC 2544 test suites, multistream traffic generation, Through mode and bit-error-rate (BER) testing
- Experience unprecedented configuration simplicity with hybrid touchscreen/keypad navigation and data entry
- Increase technician autonomy and productivity with intelligent discovery of remote EXFO Ethernet testers, as well as in-service testing via dual-port Through mode
- Eliminate errors in data interpretation with revolutionary new GUI on 7-inch TFT screen, historical event logger, visual gauges and 3D-icon depictions of pass/fail outcomes
- Integrated applications to test VoIP services, and additional IP test utilities including VLAN scan and LAN discovery via EXpert VoIP and EXpert IP test tools



P/N	Description
FTB-860	Ethernet 10/100/1000 Base-T electrical tester
FTB-860G	Ethernet 10/100/1000 Base-T electrical and GigE optical tester
FTB-860GL	Ethernet 10/100/1000 electrical, GigE optical and 10 GigE LAN/WAN tester

Multiple configurations available. Please check with your TVC representative or www.tvcinc.com for details.

EXFO FTB-880 NETBLAZER MULTISERVICE TESTER

Offers comprehensive, yet simple test suites for field technicians to easily turn up, validate and troubleshoot DSn/PDH, SONET/SDH and Ethernet services up to 10 Gbit/s.

Applications

- Deployment, validation and troubleshooting of access and metro Ethernet services
- Comprehensive testing across 10 Mbit/s to 10 Gbit/s network environments
- DSn/PDH and SONET/SDH

Key Features and Benefits

- Comprehensive testing for DSn/PDH, SONET/SDH and Ethernet interfaces up to 10 Gbit/s
- Simplified BER testing with pass/fail indicators based on user-defined thresholds
- Faster Ethernet service activation with bi-directional EtherSAM (ITU-T Y.1564) and RFC 2544 test suites, multistream traffic generation, Through mode and bit-error-rate (BER) testing
- Higher technician autonomy and productivity with intelligent discovery of remote EXFO Ethernet testers, as well as in-service Ethernet testing via dual-port Through mode
- No data interpretation errors with revolutionary new GUI on 7-inch TFT screen, historical event logger, visual gauges and 3D-icon depictions of pass/fail outcomes
- Centralized support for injection/monitoring of errors and alarms, trace messaging, overhead monitoring/manipulation and performance monitoring statistics
- Integrated applications to test VoIP services, and additional IP test utilities, including VLAN scan and LAN discovery via EXpert VoIP and EXpert IP test tools



P/N	Description
FTB-880-FLEX	NetBlazer Multiservice Tester

Multiple configurations available. Please check with your TVC representative or www.tvcinc.com for details.

NETWORK/ETHERNET TEST



METRO ETHERNET TESTERS

EXFO ETS-1000 ETHERNET ANALYZER

Cost-effective handheld Ethernet analyzer enabling service providers to turn-up and install Carrier Ethernet services.

Applications

- Installation and turn-up of Carrier Ethernet services

Key Features and Benefits

- Two 10/100/1000Base-T and GigE independent test ports
- Throughput, back-to-back, latency and frame loss measurements as per RFC 2544 (asymmetric results)
- Multistream, up to layer 4 traffic generation and analysis, allowing quality of service (QoS) verification through VLAN, TOS/DSCP prioritization testing
- MPLS route prioritization validation with up to three MPLS labels (MPLS option)
- Through mode testing for troubleshooting applications
- TCP/IP network configuration test suite including, TCP client, DNS lookup and ARP monitor

P/N	Description
ETS-1000	Ethernet Analyzer

Multiple configurations available. Please check with your TVC representative or www.tvcinc.com for details.



EXFO ETS-1000L ETHERNET LOOPBACK DEVICE

Cost-effective, compact Ethernet loopback tool that can be used as a remote unit to return test traffic, enabling service providers to turn-up and install carrier Ethernet services.

Applications

- Installation and turn-up of Carrier Ethernet services

Key Features and Benefits

- 10/100/1000Base-T and GigE ports
- Can be used as a remote loopback/reflector for all Carrier Ethernet validation tests including RFC 2544, bit-error rate (BER) and quality of service (QoS)
- Selectable loopback at layers 1 through 4
- Complete interoperability with EXFO's Ethernet analyzers (ETS-1000, AXS-200/850 series, RTU-310/310G) and Ethernet test modules (FTB-8510B, FTB-8510G, FTB-8525/8535 and FTB-8120NGE/8130NGE)
- 802.3ah remote loopback support

P/N	Description
ETS-1000L	Ethernet Loopback Device



NETWORK/ETHERNET

EXFO RTU-310 IP SERVICES TEST HEAD

Enables carriers to ensure the reliability and performance of their Ethernet-based services; provides all the necessary measurement tools for service turn-up, troubleshooting as well as verifying service-level agreements.

Applications

- Performance validation of carrier-grade Ethernet services
- IPTV testing and analysis

Key Features and Benefits

- Complete EtherSAM (ITU-T Y.1564) test suite. EtherSAM is the new standard for turning up and troubleshooting mobile backhaul and business Ethernet services
- Throughput, back-to-back, latency and frame loss measurements as per RFC 2544 (bi-directional results)
- Multistream generation and analysis, allowing quality of service (QoS) verification through VLAN and ToS/DSCP prioritization testing
- True wire-speed and stateful TCP throughput testing
- SLA reinforcement for Ethernet services
- IPTV testing and analysis
- Complete Carrier Ethernet services portfolio: PBB-TE (MAC-in-MAC), MPLS, MPLS-TP 802.3ah and IPv4/IPv6
- 1x and 2x Fiber Channel testing

P/N	Description
RTU-310	IP Services Test Head

Multiple configurations available. Please check with your TVC representative or www.tvcinc.com for details.



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METRO ETHERNET TESTERS

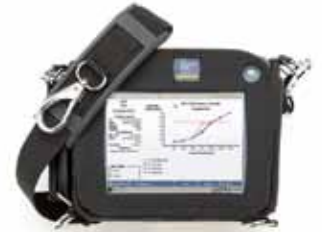


FLUKE NETWORKS METROSCOPE™ SERVICE PROVIDER ASSISTANT

The MetroScope Service Provider Assistant is the next generation in field test equipment for installing and troubleshooting carrier Ethernet services over copper or fiber. Complete RFC 2544 testing plus jitter and server response measurements support advanced services, while flexible scripting optimizes testing times. The unique Reflector accessory allows end-to-end testing without a second MetroScope.

- Complete RFC 2544 Service Level Agreement (SLA) Testing
- Jitter and Server response time measurements
- Powerful customized scripting for optimized testing

P/N	Description
MTSCOPE	MetroScope Mainframe including 10/100/1000Base-T and 10/100/1000Base-X SFP Port, AC adapter/battery charger, remote wiremap adapter, 128MB Compact-Flash card, Documentation CD, carrying case
MTSCOPE-KIT	MetroScope Mainframe including 10/100/1000Base-T and 10/100/1000Base-X SFP Port, rechargeable Li-Ion battery pack, AC adapter/battery charger, Auto lighter charger, remote wiremap adapter, 128MB Compact-Flash card, Documentation CD, carrying case and LinkReflector including 10/100/1000Base-T port



JDSU VALIDATOR™ AND VALIDATOR-NT™ ETHERNET SYSTEM SPEED CERTIFIERS

The Validator™ series of Ethernet Network Management Tools—Validator™ and Validator-NT™—offer a complete solution to test and speed certify the data-carrying capabilities of Ethernet network cables up to 1 Gb/s by testing for noise in the network, detecting faults in the cabling wiring, and ensuring that cables are able to support the speed capabilities of active equipment.

- Conducts Bit Error Rate (BER) testing to speed certify Ethernet data transmission speed up to 10/100/1000Base-T (1 Gb/s)
- Measures Signal-to-Noise Ratio and Skew to uncover impairments to Ethernet data transmission
- Tests for opens, shorts, split pairs, miswires, and reversals and measures distance to opens and shorts - supports all network, telco, and coax cables
- Identifies cable termination on active Ethernet ports with hub flash

P/N	Description
NT950	Validator Ethernet Speed Certifier Kit
NT955	Validator-NT Ethernet Speed Certifier and Active Network Tester Kit



JDSU VALIDATORPRO™ AND VALIDATORPRO-NT™

Building on the capabilities of the JDSU Validator and Validator-NT, the JDSU ValidatorPRO series of Ethernet Network Management Tools offers a complete solution to test copper and fiber Ethernet cables. 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, determine if cables can support Gigabit Ethernet, and perform troubleshooting for cable installations. The ValidatorPRO performs all tests offered by the Validator and Validator-NT, including speed certifying the data-carrying capabilities of copper Ethernet network cables up to 1 Gb/s by testing for noise in the network, detecting faults in the cabling wiring, and ensuring that cables can support the speed capabilities of active equipment.

- Measures optical power on single-mode and multimode fiber
- Conducts BER testing to speed certify Ethernet data transmission speed up to 10/100/1000Base-T (1 Gb/s)
- Measures SNR and skew to uncover impairments to electrical Ethernet data transmission

P/N	Description
NT1150	ValidatorPRO Ethernet speed certifier with integrated optical power meter
NT1155	ValidatorPRO-NT Ethernet speed certifier with integrated optical power meter including active network tests



XFTP WILD CAT ETHERNET CABLE TESTER

The XFTP WildCAT™ Ethernet Cable Tester is the ideal tester for measuring speed and performance of Cat 3, Cat 5e, and Cat 6 Ethernet cable while adhering to ANSI/TIA/EIA-568-B and ISO/IEC standards. With its full compliment of Auto Test functions including wire map, length, propagation delay, DC loop resistance, and insertion loss, no Ethernet cable will be safe from this tester's capability to see if it is performing at sub-standard levels.

- Connections Include RJ45, F, RJ11, and 2-wire
- Supports American Standard TIA/EIA-568-B and International Standard ISO/IEC 11801
- CAT 5e Test Results in Less than 30 Seconds, Cat 6 Results in Less than 63 seconds

P/N	Description
2011630000	XFTP WildCAT, Includes XFTP WildCAT Ethernet Cable Tester, AC battery charger and User's manual



NETWORK/ETHERNET TEST



DATA WIRE TESTERS

KLEIN TOOLS LAN SCOUT™ JR. TESTER

The Klein VDV526-052 LAN Scout™ Junior Tester is easy to use and conveniently compact; it has a large display for easy identification and rubber molding for added comfort. Tests twisted pair data wiring (RJ45) connections. Dual function buttons operates test functions and tone generator. Self-storing remote and four (4) LR44 6V alkaline batteries are included.

- Tests twisted pair data wiring (RJ45) connections
- Easy to use, compact tool saves time and money on the job
- Features dual function button—operates test functions and tone generator
- Large display for easy identification and self-storing remote

P/N	Description
VDV526-052	LAN Scout™ Jr. Tester



GREENLEE TOOLS PC CABLE-CHECK™ PRO

This Universal Tester maps cables, detects good connections, opens, shorts or crosses. It works with over 20 types of cables including: LAN & Telephone, Serial, Coaxial, USB, VGA, Mini-USB, S-video, FireWire, PS/2 Keyboard & Parallel Printer.

- Instantaneous detection and display of framing, line coding, errors, alarms, level, frequency and more
- Transmits and receives common Bit Error Rate Test (BERT) patterns and includes all common loop codes
- Compact, rugged and easy to use

P/N	Description
PA1577	PC Cable-Check™ Pro



GIGABIT ETHERNET LINK TESTER

FLUKE NETWORKS LINKRUNNER™ PRO NETWORK MULTIMETER

The Network Link Tester empowers technicians to resolve a broader range of today's connectivity problems. It verifies link at 10/100/Gig, pings up to 10 key devices, detects Power over Ethernet (PoE), resolves 802.1X conflicts, identifies nearest switch with CDP/EDP/LLDP discovery protocols, and generates professional link status test reports to expedite trouble ticket resolution.

- Link at 10/100/Gig – identify device capabilities and confirm actual speed/duplex status
- Ping key devices – measure response of DHCP, router, DNS, and other devices or URLs
- Verify 802.1X settings – authenticate with EAP type, user name, certificates, and password

P/N	Description
LRPRO-KIT	LinkRunner Pro Extended Test Kit. Includes LinkRunner Pro, IntelliTone Pro 200 Probe, WireView Cable IDs #1-6, CLIP-SET RJ45 to 8 alligator clip bare wire adapter, LinkRunner Connect software CD, test accessory soft pouch, USB cable, LinkRunner Pro Getting Started Guide, IntelliTone Pro Getting Started Guide, four (4) AA alkaline batteries, one 9V alkaline battery, packaged in a deluxe Fluke Networks carry case

Multiple configurations available. Please check with your TVC representative or www.tvcinc.com for details.



WiFi TESTER

FLUKE NETWORKS AIRCHECK™ WI-FI TESTER

AirCheck allows users to quickly troubleshoot 802.11 a/b/g/n network availability, connectivity, and security all in a dedicated, handheld tool. Its intuitive interface allows you to quickly see wireless network usage and easily determine if it's Wi-Fi traffic or non-Wi-Fi interference, plus identify and locate wireless Access Points whether authorized or rogue.

- Dedicated, handheld 802.11 a/b/g/n tester with instant-on technology
- Fully supports 2.4 and 5.0 GHz frequency bands
- Rapidly perform a Wi-Fi discovery to fully assess your current wireless security settings and network availability

P/N	Description
AirCheck	AirCheck Wi-Fi Tester. Includes AirCheck tester, USB cable, soft case, Getting Started Guide, CD with AirCheck Manager software and User Manual

Multiple configurations available. Please check with your TVC representative or www.tvcinc.com for details.



NETWORK/ETHERNET