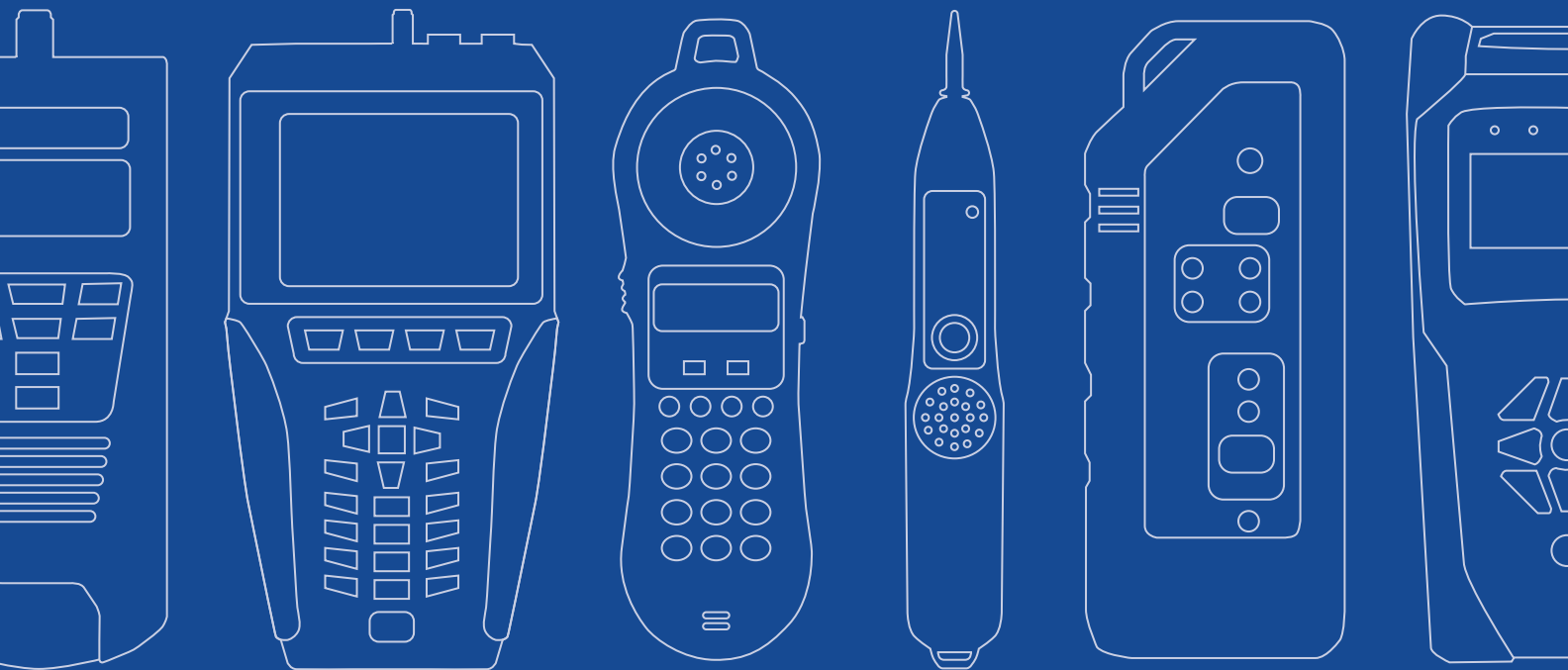Ethernet Network Management Tools · Cabling and Network Testers · Tones and Probes · Telephone Test Sets

Network and Enterprise Test Tools

Test-Um
TEST SOLUTIONS BY JDSU

JDSU

Validator-NT™

LanScaperPRO™

TestifierPRO™

Tonax™

Lil' Buttie Ranger™

Table of Contents

Ethernet Network Management Tools

Validator™ Ethernet Speed Certifier Kit

– Certifies a network installation to meet 10/100/1000 Mb/s Ethernet speed specifications using BER tests
– Measures Skew, NEXT, Return Loss, SNR, and cable length
– Verifies wiring configuration and wiremap for new or existing cable
– Identifies cable termination by blinking active port LED
– Creates and prints job reports and cable labels
– Tests coax, telephony, data, audio, and security cables

Description	Order Number
Validator Ethernet Speed Certifier Kit (Choose the model with the appropriate AC adapter cables)	
North America	NT950
Australia	NT950-AUS
Europe	NT950-EURO
Italy	NT950-ITAL
United Kingdom	NT950-UK
Without AC adapter cables	NT950-WOAC

Validator-NT™ Ethernet Speed Certifier and Active Network Tester Kit

– Performs all Validator functions
– Enables active port discovery to 1 Gb/s
– Verifies connectivity to network devices with ping test
– Includes set of 8 cable test remotes

Description	Order Number
Validator-NT Ethernet Speed Certifier and Active Network Tester Kit (Choose the model with the appropriate AC adapter cables)	
North America	NT955
Australia	NT955-AUS
Europe	NT955-EURO
Italy	NT955-ITAL
United Kingdom	NT955-UK
Without AC adapter cables	NT955-WOAC

Validator and Validator-NT include smart remote, two lithium ion rechargeable batteries, two AC adapter/charger units, 1.83 m (72 in) USB cable assembly, compact flash card, two 19 cm (7.5 in) RJ12 to RJ12 cables for no-fault connection to RJ11 or RJ45 jacks, two F-connector plugs to BNC jack adapters, 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, Plan-Um® cabling installation and planning software, and deluxe carrying case.

Cabling and Network Testers

TrueLength™ Cable Length Meter

– Measure distance to short or opens, and shorts between lines
– Single conductor or pair length measurements in feet or meters
– Supports 8 to 30 AWG copper or aluminum wires
– Improves cable inventory management by measuring length on spools
– Generates four tones for wire tracing

Includes cord set with crocodile clips, double banana to BNC + BNC to F jack connector for coax, and nylon pouch. Requires 9-volt battery (not included).

Description	Order Number
TrueLength Cable Length Meter	CLM400

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Cabling and Network Testers

LanScaper™ Cabling and Network Tester

– Detects and reports speed and capabilities for active Ethernet and other devices up to 100 Mb/s
– Pinging function verifies connectivity to network devices
– Blinks link indicator to identify cable termination on active ports
– Tests cabling configuration and verifies connectivity
– Displays length measurement and generates selectable tones

Includes two 30.48 cm (1 ft) RJ45 to alligator clips cables, two 30.48 cm (1 ft) patch cables with RJ45 connectors, two 19 cm (7.5 in) RJ12 to RJ12 cables for no-fault connection to RJ11 or RJ45 jacks, nylon case, and 9-volt battery.

Description	Order Number
LanScaper Cabling and Network Tester with cable test remote	NT700
LanScaper Cabling and Network Tester Kit with 8 cable test remotes	NT750
– includes Tone Tracer Probe, two RJ45 to coax F-connector adapters, and nine 19 cm (7.5 in) RJ12 to RJ12 cables for RJ11 or RJ45 jacks	

LanScaperPRO™ Cabling and Network Tester

– 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 Gb/s
– Pinging function verifies connectivity to network devices
– Blinks link indicator to identify cable termination on active ports and uses Cisco Discovery Protocol
– Tests cabling configuration and verifies connectivity
– Displays length measurement, wiremaps network connections, and generates selectable tones

Includes two 30.48 cm (1 ft) patch cables with RJ45 connectors, one 30.48 cm (1 ft) RJ45 to alligator clips cable, two 19 cm (7.5 in) RJ12 to RJ12 cables for no-fault connection to RJ11 or RJ45 jacks, and nylon case. Requires four AA batteries (not included).

Description	Order Number
LanScaperPRO Cabling and Network Tester with cable test remote	NT800
LanScaperPRO Cabling and Network Tester Kit with 8 cable test remotes	NT850
– includes Tone Tracer (TT100)	

TestifierPRO™ Cable Tester

– Identifies cable termination on active ports by blinking port LED
– Measures cable length
– Identifies opens, shorts, split pairs, reversals, and crossover cable in wiremap format
– Performs single-ended testing to find opens, shorts, and split pairs
– Includes integrated RJ11 and RJ45 jacks and F-connector
– Identifies up to 20 network, telco, or cable runs at a time
– Generates tone for tracing
– Two-line, 16-character, back-lit full alphanumeric LCD with icon flags

Includes 30.48 cm (1 ft) RJ45 to alligator clips cable, two 30.48 cm (1 ft) patch cables with RJ45 connectors, #1 coax cable test remote, and pouch. Requires 9-volt battery (not included).

Description	Order Number
TestifierPRO Cable Tester with onboard cable test remote	TP650
TestifierPRO Cable Tester Kit with 8 cable test remotes	TP655
– includes 30.48 cm (1 ft) coax cable	

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Cabling and Network Testers

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Tri-Porter™ Premises Wiring Tester

– Triple-play test solution tests physical wiring for voice, data, and video
– Performs work of six testing tools: telephone test set, network tester, tone generator, cable tester/verifier, tone detector, and coax mapper

Includes main unit, remote tester/tracer, mini headset, two 19 cm (7.5 in) RJ12 to RJ12 cables for no-fault connection to RJ11 or RJ45 jacks, two sacrificial cables for RJ45 mod plug, 1.22 m (4 ft) RJ11 to angled bed-of-nails cord set, two 30.48 cm (1 ft) patch cables with RJ45 connectors, 30.48 cm (1 ft) coax cable, shielded F-connector adapter, 3.05 m (10 ft) safety ground cable, coupler F-jack to F-jack, set of 20 (1–20) coax ID-only remotes, set of 20 (1–20) RJ45 ID-only remotes, set of 20 (1–20) RJ11 ID-only remotes, set of 20 (1–20) two-lead ID-only remotes, and zippered pouch. Requires one 9-volt and six AA batteries (not included).

Description	Order Number
Tri-Porter Premises Wiring Tester	IVT600
Tri-Porter Premises Wiring Tester – Australia settings	IVT600AUS
Tri-Porter Premises Wiring Tester – United Kingdom settings	IVT600UK

LanRoamer™ Cable Tester

– Cable test results displayed on main and remote units in less than 2 seconds
– Identifies shorts, opens, miswires, reversals, and split pairs
– Auto-on initiates test when connection is sensed between main and remote unit
– Debug mode diagnoses faults one pair at a time
– Includes integrated tone generator

Includes two 30.48 cm (1 ft) patch cables with RJ45 connectors and pouch. Requires 9-volt battery (not included).

Description	Order Number
LanRoamer Cable Tester with onboard cable test remote	TP500

LanRoamerPRO™ Cable Tester

– Measures cable length in feet or meters
– Two-line LCD with icon flags displays test results in wiremap format
– Conducts single ended tests on shorts, splits, and opens
– Auto-on enables test results within 2 seconds
– Tests for shorts, opens, miswires, reversals, and split pairs with remote
– Includes tone generator

Includes 30.48 cm (1 ft) RJ45 to alligator clips cable, two 30.48 cm (1 ft) patch cables with RJ45 connectors, wire configuration sticker, and pouch. Requires 9-volt battery (not included).

Description	Order Number
LanRoamerPRO Cable Tester with onboard cable test remote	TP600
LanRoamerPRO Cable Tester Kit with 8 cable test remotes – includes two RJ45 to coax F-connector adapters	TP607

Tell-All™ Port Wiring Indicator

– Identifies telephone and data lines for 10BASE-T, 100BASE-Tx, and Token Ring
– Detects voltage and polarity

Includes 6-volt battery and RJ45 jumper cable.

Description	Order Number
Tell-All Port Wiring Indicator	TP100

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Testifier™ Cable Tester

- Displays tests for shorts, opens, miswires, reversals, and split pairs in wiremap format
- LCD with icon flags
- Integrated jacks for telco and network connections, F-connector for coax
- Integrated tone generator

Includes 30.48 cm (1 ft) RJ45 to alligator clips cable, 19 cm (7.5 in) RJ12 to RJ12 cable for no-fault connection to RJ11 or RJ45 jacks, nylon case, and 9-volt battery.

Description	Order Number
Testifier Cable Tester with onboard cable test remote	TP350

Wi-Net Window™ Wireless Network Analyzer

- Actively scans and logs IEEE 802.11 wireless signal types b and g
- Detects networks with hidden SSIDs
- Displays Internet access capability and encryption status on each wireless component
- Pings IP addresses and checks for a viable link to the Internet
- Negotiates with network DHCP to identify components and IP/MAC addresses
- Full 64- or 128-bit WEP support

Requires four AA batteries (not included).

Description	Order Number
Wi-Net Window Wireless Network Analyzer	WP150

Satellite Signal Strength Meter

- Maximize signal between amplifier and receiver
- Easy-to-read analog display
- Frequency range: 950MHz – 2,050MHz
- Variable Attenuator for ultra-fine tuning capability
- Powered by satellite receiver, no batteries required

Description	Order Number
Satellite Signal Strength Meter	CS300

Speaker Seeker™

- For speaker and security (TP400) or coax (TP410) applications
- Enables identification and match-up of both ends of installed cable
- Allows one installer to map out a cable installation

Includes 60.96 cm (2 ft) F push-on connector to alligator clips cable assembly. Requires 9-volt battery (not included).

Description	Order Number
Speaker Seeker – includes set of 20 (1–20) two-lead ID-only remotes	TP400
Speaker Seeker – includes set of 20 (1–20) coax ID-only remotes	TP410

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Cabling and Network Testers

Coax Mapper Cable Tester

– Tests coax cable with F-connectors or BNC connectors
– Detects and displays OPEN or SHORT conditions
– Displays PASS when no failures are indicated for each remote
– Sends tone signal to center pin of coax cable

Includes four coax cable test remotes, four F-connector jack to BNC jack adapters, F-connector plug to BNC jack adapter, and 6-volt battery.

Description	Order Number
Coax Mapper Cable Tester	CX200

Net-Rite™ Cable Tester

– Tests Ethernet cable for opens, shorts, split pairs, miswires, and reversals
– Shows cable faults per TIA568
– Full LCD shows test results, including PASS and FAIL

Includes four 6-volt button cell batteries.

Description	Order Number
Net-Rite Cable Tester with onboard cable test remote	TP250

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Cabling and Network Tester Kits

Description	Order Number
– **Testifier Cable Tester** with onboard cable test remote (TP350), 19 cm (7.5 in) RJ12 to RJ12 cable for no-fault connection to RJ11 or RJ45 jacks, 30.48 cm (1 ft) RJ45 to alligator clips cable, **Wi-Net Window Wireless Network Analyzer** (WP150), and pouch	KP255
– **Net-Rite Cable Tester** with onboard cable test remote (TP250), **Trace-Rite Tone Generator and Probe** (TT250), and RJ11 to alligator clips cord set	KP260
– **Testifier Cable Tester** with onboard cable test remote (TP350), 30.48 cm (1 ft) RJ45 to alligator clips cable, 19 cm (7.5 in) RJ12 to RJ12 cable for no-fault connection to RJ11 or RJ45 jacks, set of 20 RJ45 ID-only remotes, and case	KP321
– Set of 20 coax ID-only remotes, set of 20 RJ45 ID-only remotes, set of 20 RJ11 ID-only remotes, set of 20 unterminated ID-only remotes, and pouch	KP420
– **LanRoamerPRO Cable Tester** with onboard cable test remote (TP600), 30.48 cm (1 ft) RJ45 to alligator clips cable, two 30.48 cm (1 ft) patch cables with RJ45 connectors, **Lil' Buttie PRO™ Telephone Test Set** (LB220), 1.22 m (48 in) RJ11 to angled bed-of-nails cord set, belt clip, mini-headset, **Tone Generator** (TG100), 60.96 cm (2 ft) RJ11 to alligator clips set, 19 cm (7.5 in) RJ12 to RJ12 cable for no-fault connection to RJ11 or RJ45 jacks, **Tone Tracer Probe** (TT100), round and paddle-style tips, lanyard, and pouch	KP501
– **Testifier Cable Tester** with onboard cable test remote (TP350), 60.96 cm (2 ft) F push-on connector to alligator clips cable, two 60.96 cm (2 ft) RJ45 to 8 alligator clips cables, 19 cm (7.5 in) RJ12 to RJ12 cable for no-fault connection to RJ11 or RJ45 jacks, 30.48 cm (1 ft) RJ45 to alligator clips cable, set of 20 coax ID-only remotes, set of 20 RJ45 ID-only remotes, set of 20 RJ11 ID-only remotes, set of 20 unterminated ID-only remotes, and pouch	KP550
– **Resi-Tester Cable Tester** with onboard cable test remote (TP300), #1 coax cable test remote, 30.48 cm (1 ft) RJ45 to alligator clips cable, two 19 cm (7.5 in) RJ12 to RJ12 cables for no-fault connection to RJ11 or RJ45 jacks, **Resi-Toner Tone Generator** with molded alligator clips cord set (TG400), 1.22 m (4 ft) RJ11 to alligator clips set, **Resi-Talker Test Set** with alligator clips cord set (LB300), **Resi-Tracer Probe** (TT300), round and paddle-style probe tips, 20 coax ID-only remotes, 20 RJ45 ID-only remotes, 20 RJ11 ID-only remotes, two 60.96 cm (2 ft) RJ45 to 8 alligator clips cable, and case	KP312
– **Resi-Tester Cable Tester** with onboard cable test remote (TP300), #1 coax cable test remote, two 30.48 cm (1 ft) RJ45 to alligator clips cables, 19 cm (7.5 in) RJ12 to RJ12 cable for no-fault connection to RJ11 or RJ45 jacks, **Resi-Tracer Probe (**TT300), round and paddle-style probe tips, and zippered case	KP314
– **Resi-Tester Cable Tester** with onboard cable test remote (TP300), #1 coax cable test remote, two 30.48 cm (1 ft) RJ45 to alligator clips cables, 19 cm (7.5 in) RJ12 to RJ12 cable for no-fault connection to RJ11 or RJ45 jacks, 20 coax ID-only remotes, 20 RJ45 ID-only remotes, 20 RJ11 ID-only remotes, 60.96 cm (2 ft) RJ45 to 8 alligator clips cable, and case	KP315
– Nine RJ45 to coax adapters for LanRoamerPRO Cable Tester and pouch	KP411
– **Plan-Um** AP Cabling Installation and Planning Software	PS150

KP501

KP420

PLAN THE WORK
PLAN-um
WORK THE PLAN

PS150

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Tones and Probes

Resi-Toner™ Tone Generator

– POTS simulator for two-line phone system
– Multiple dial tone sound for each line plus status indicators for off-hook and shorted
– Unbalanced tone for stronger signal on twisted pairs
– Speaker pop function identifies speaker connections

Includes molded alligator clips cord set, 19 cm (7.5 in) RJ12 to RJ12 cable for no-fault connection to RJ11 or RJ45 jacks, and 1.22 m (4 ft) RJ11 to alligator clips set. Requires 9-volt battery (not included).

Description	Order Number
Resi-Toner Tone Generator	TG400

Trace-Rite™ Tone Generator and Probe

– Two different tones, LED indicator, and auto-off feature
– Locates telco, network, and coax cable
– Audible tone location indication
– Self-powered amplified probe with on/off button prevents battery drain

Includes RJ11 to alligator clips cord set and four 6-volt button cell batteries.

Description	Order Number
Trace-Rite Tone Generator with onboard probe	TT250

Tone Generator

– Conduct line tracing and ensure signal path quality
– Three different tones for multiple line testing
– Auto-off and no power draw in continuity mode for extended battery life
– Enables phone sets without monitor feature to pick up tone
– Separate talk battery mode for increased voltage and to power a dry line for talking

Includes 19 cm (7.5 in) RJ12 to RJ12 cable for no-fault connection to RJ11 or RJ45 jacks, lanyard, and 9-volt battery.

Description	Order Number
Tone Generator – includes 60.96 cm (2 ft) RJ11 to alligator clips set	TG100
Tone Generator – includes 60.96 cm (2 ft) RJ11 to angled bed-of-nails cord set	TG101

Resi-Tracer™ Probe

– Traces network, telephone, coax, and audio cables
– Audible and visual tone location indicators
– Speaker phasing with built-in microphone pickup
– Traces unpowered or active coax cable with coil mode
– Works with any analog tone generator

Includes 19 cm (7.5 in) RJ12 to RJ12 cable for no-fault connection to RJ11 or RJ45 jacks, round probe tip, and paddle-style probe tip. Requires 9-volt battery (not included).

Description	Order Number
Resi-Tracer Probe	TT300

Talk-N-Trace™ Communication and Testing Set

– Full duplex, hands-free, self-powered communications
– Link up to four units together for party-line use
– Built-in ringer and ability to signal other end
– Works with any two unused wires, including coax, romex, UTP, STP

Includes two headsets with boom microphone, two 60.96 cm (2 ft) banana plug to test probes cable assemblies, and two 1.22 m (4 ft) RJ11 to alligator clips cord sets. Requires two 9-volt batteries (not included).

Description	Order Number
Talk-N-Trace Communication and Testing Set	TM110

Latch-Test™ Security/Alarm Tone Generator

– A combination advanced tone generator and continuity tester for sensors, switches, and circuits used in security/alarm systems
– Two (normal and half) tone amplitude levels
– Half amplitude is unbalanced for stronger signal
– Three different tones

Includes molded alligator clips cord set, 19 cm (7.5 in) RJ12 to RJ12 cable assembly for no-fault connection to RJ11 or RJ45 jacks, lanyard, and nylon pouch. Requires 9-volt battery (not included).

Description	Order Number
Latch-Test Security/Alarm Tone Generator	TG300

Tone Tracer High-Sensitivity Probe

– Ergonomic shape, balanced weight
– Volume control
– Recessed on switch
– Tip replacement without opening case

Includes round and paddle-style tips and a 9-volt battery.

Description	Order Number
Tone Tracer High-Sensitivity Probe	TT100

Tonax™ Coax Tone Generator

– Tone and trace coax cable through splitters, wire shorts, and terminated cable to active components
– Built-in F-connector for coax cable
– Three tone outputs
– POTS line simulator

Includes molded alligator clips set, shielded F-connector adapter, and 3.05 m (10 ft) safety ground cable. Requires 9-volt battery (not included).

Description	Order Number
Tonax Coax Tone Generator	TG455

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Tones and Probes

Turbo-Tone™ High-Power Tone Generator

– 700% more power than standard tone generator
– Unbalanced tone mode supports longer distances on UTP cables
– Constant amplitude output ensures no signal decrease as battery discharges
– Full talk battery to power a dry line
– Enables phone sets without monitor feature to pick up tone

Includes 19 cm (7.5 in) RJ12 to RJ12 cable assembly for no-fault connection to RJ11 or RJ45 jacks, lanyard, and nylon pouch. Requires 9-volt battery (not included).

Description	Order Number
Turbo-Tone High-Power Tone Generator with alligator clips set	TG200
Turbo-Tone High-Power Tone Generator with angled bed-of-nails cord set	TG201

Tones and Probes Kits

Description	Order Number
– **Tone Generator** (TG100), 60.96 cm (2 ft) RJ11 to alligator clips set, 19 cm (7.5 in) RJ12 to RJ12 cable for no-fault connection to RJ11 or RJ45 jacks, **Tone Tracer Probe** (TT100), round and paddle-style tips, lanyard, and pouch	KP100
– **Tone Generator** (TG101), 60.96 cm (2 ft) RJ11 to angled bed-of-nails cord set, 19 cm (7.5 in) RJ12 to RJ12 cable for no-fault connection to RJ11 or RJ45 jacks, **Tone Tracer Probe** (TT100), round and paddle-style tips, lanyard, and pouch	KP101
– **Turbo-Tone High-Power Tone Generator** with angled bed-of-nails cord set (TG201), 19 cm (7.5 in) RJ12 to RJ12 cable for no-fault connection to RJ11 or RJ45 jacks, **Tone Tracer Probe** (TT100), round and paddle-style tips, lanyard, and pouch	KP104
– **Turbo Tone High-Power Tone Generator** with alligator clips set (TG200), 19 cm (7.5 in) RJ12 to RJ12 cable for no-fault connection to RJ11 or RJ45 jacks, **Tone Tracer Probe** (TT100), round and paddle-style tips, lanyard, and pouch	KP105
– **Latch-Test Security/Alarm Tone Generator** with molded alligator clips cord set (TG300), 19 cm (7.5 in) RJ12 to RJ12 cable for no-fault connection to RJ11 or RJ45 jacks, **Tone Tracer Probe** (TT100), round and paddle-style tips, lanyard, and pouch	KP106
– Two **Talk-N-Trace** units (TM110), two 1.22 m (4 ft) RJ11 to alligator clips sets, two 60.96 cm (2 ft) banana plug to test probes cables, two mini headsets, and pouch	KP110
– **Tonax Coax Tone Generator** with molded alligator clips set (TG455), 19 cm (7.5 in) RJ12 to RJ12 cable for no-fault connection to RJ11 or RJ45 jacks, 30.48 cm (1 ft) patch cable with RJ45 connectors, 30.48 cm (1 ft) coax cable, shielded F-connector adapter, 3.05 m (10 ft) safety ground cable, 4- and 8-position modular adapter and cables kit, **Resi-Tracer Probe** (TT300), and pouch	KP120
– **Resi-Toner Tone Generator** with molded alligator clips cord set (TG400), 1.22 m (4 ft) RJ11 to alligator clips set, 19 cm (7.5 in) RJ12 to RJ12 cable for no-fault connection to RJ11 or RJ45 jacks, 60.96 cm (2 ft) RJ11 to alligator clips set, **Resi-Tracer Probe** (TT300), round and paddle-style tips, and pouch	KP313
– **Resi-Toner Tone Generator** with molded alligator clips cord set (TG400), 19 cm (7.5 in) RJ12 to RJ12 cable for no-fault connection to RJ11 or RJ45 jacks, 1.22 m (4 ft) RJ11 to alligator clips set, **Resi-Tracer Probe** (TT300), and round and paddle-style tips	KP309
– **Tone Generator** (TG100), 60.96 cm (2 ft) RJ11 to alligator clips set, 19 cm (7.5 in) RJ12 to RJ12 cable for no-fault connection to RJ11 or RJ45 jacks, **Resi-Tracer Probe** (TT300), round and paddle-style tips, lanyard, and pouch	KP322
– **Tonax Coax Tone Generator** with molded alligator clips set (TG455), shielded F-connector adapter, 3.05 m (10 ft) safety ground cable, 30.48 cm (1 ft) coax cable, **Resi-Tracer Probe** (TT300), and pouch	KP323

KP106

KP110

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Lil' Buttie™ and Resi-Talker™ Telephone Test Sets

– Hands-free operation
– Amplified line monitor
– Last number redial
– Continuous line polarity indication

Lil' Buttie includes 1.22 m (48 in) RJ11 to angled bed-of-nails cord set, belt clip, over-the-ear mini headset with boom microphone, and 9-volt battery. Resi-Talker includes 1.22 m (48 in) alligator clips cord set and 9-volt battery.

Description	Order Number
Lil' Buttie Telephone Test Set	LB110
Lil' Buttie Telephone Test Set – substitutes 1.22 m (48 in) RJ11 to piercing pin clip set	LB100
Lil' Buttie Telephone Test Set with rubber boot	LB110-BT
Lil' Buttie Telephone Test Set with hook-type belt clip	LB115
Lil' Buttie Telephone Test Set for use outside North America – 100 ms hook flash, 37/63 make/break ratio	LB110UK-AUS
Resi-Talker Telephone Test Set	LB300
Resi-Talker Telephone Test Set for use outside North America – 100 ms hook flash, 37/63 make/break ratio	LB300UK-AUS

Lil' Buttie   Resi-Talker

Lil' Buttie PRO™ Telephone Test Set

– Includes all Lil' Buttie features
– LCD readout and voltmeter
– Detects and displays caller ID and call waiting
– Scrolling list of stored numbers
– Overcurrent protection
– Polarity indication (displays line reversals)

Includes 1.22 m (48 in) RJ11 to angled bed-of-nails cord set, over-the-ear mini-headset with boom microphone, and 9-volt battery.

Description	Order Number
Lil' Buttie PRO Telephone Test Set	LB220
Lil' Buttie PRO Telephone Test Set with rubber boot	LB220-BT
Lil' Buttie PRO Telephone Test Set with hook-type belt clip	LB230
Lil' Buttie PRO Telephone Test Set for use outside North America – 100 ms hook flash, 37/63 make/break ratio, includes rubber boot	LB220UK-AUS

Lil' Buttie Ranger™ Telephone Test Set

– Includes Lil' Buttie and Lil' Buttie PRO features
– Provides DSL-safe operation
– Views and stores digits as dial out is in progress
– Identifies inbound and outbound lines

Includes 1.22 m (48 in) RJ11 to angled bed-of-nails cord set, over-the-ear mini-headset with boom microphone, and 9-volt battery.

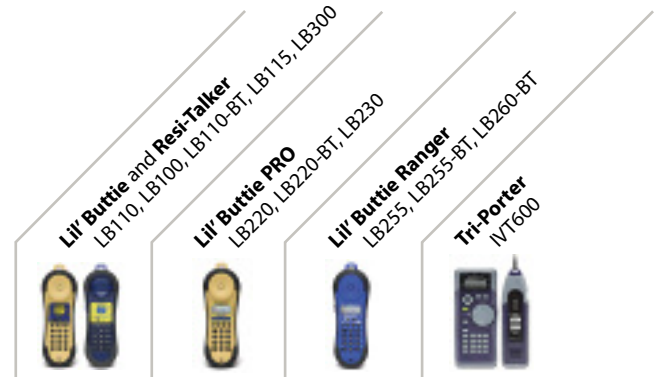| Description	Order Number
Lil' Buttie Ranger Telephone Test Set	LB255
Lil' Buttie Ranger Telephone Test Set with rubber boot	LB255-BT
Lil' Buttie Ranger Telephone Test Set with rubber boot and hook-type belt clip	LB260-BT
Lil' Buttie Ranger Telephone Test Set for Australia – 100 ms hook flash, 37/63 make/break ratio, Australia settings	LB255AUS
Lil' Buttie Ranger Telephone Test Set for U.K. – 100 ms hook flash, 37/63 make/break ratio, U.K. settings	LB255UK

Telephone Test Set and Signal Tracing Kits

KP300

Description	Order Number
– **Lil' Buttie Telephone Test Set** (LB110), 1.22 m (4 ft) RJ11 to angled bed-of-nails cord set, mini headset, metal belt clip, and pouch	KP200
– **Lil' Buttie PRO Telephone Test Set** (LB220), 1.22 m (4 ft) RJ11 to angled bed-of-nails cord set, mini headset, belt clip, and pouch	KP220
– **Lil' Buttie Telephone Test Set** (LB110), 1.22 m (4 ft) RJ11 to angled bed-of-nails cord set, metal belt clip, mini headset, **Tone Generator** (TG100), 60.96 cm (2 ft) RJ11 to alligator clips set, 19 cm (7.5 in) RJ12 to RJ12 cable for no-fault connection to RJ11 or RJ45 jacks, **Tone Tracer Probe** (TT100), round and paddle-style tips, lanyard, and pouch	KP300
– **Lil' Buttie PRO Telephone Test Set** (LB220), 1.22 m (4 ft) RJ11 to angled bed-of-nails cord set, mini-headset, belt clip, **Tone Tracer Probe** (TT100), round and paddle-style tips, **Tone Generator** (TG100), 60.96 cm (2 ft) RJ11 to alligator clips set, 19 cm (7.5 in) RJ12 to RJ12 cable for no-fault connection to RJ11 or RJ45 jacks, lanyard, and pouch	KP400
– **Lil' Buttie PRO Telephone Test Set** (LB220), 1.22 m (4 ft) RJ11 to angled bed-of-nails cord set, mini-headset, belt clip, **Tone Tracer Probe** (TT100), round and paddle-style tips, **Turbo-Tone High-Power Tone Generator** with alligator clips (TG200), 19 cm (7.5 in) RJ12 to RJ12 cable for no-fault connection to RJ11 or RJ45 jacks, lanyard, and pouch	KP401

Comparing Telephone Test Sets

	Lil' Buttie and Resi-Talker LB110, LB100, LB110-BT, LB115, LB300	Lil' Buttie PRO LB220, LB220-BT, LB230	Lil' Buttie Ranger LB255, LB255-BT, LB260-BT	Tri-Porter IVT600
DigiView™ — displays DTMF in Monitor mode			•	•
Auto Dial Line Identification — displays phone number			•	•
Wink detector — displays line reversals >150 mS			•	•
Text storage tags — name memory dial locations			•	•
LCD with current, voltage, and number dialed displayed		•	•	•
Scrolling recall — review list of stored numbers		•	•	•
Caller ID (including call-waiting caller ID)		•	•	•
Trafix guard — connection inhibiting on low and high line voltage			•	•
DSL filters — prevent DSL disruption			•	•
DataAlert —inhibits connection based on low line voltage		•		
Overcurrent protect — displays and disconnects		•	•	•
Amplified monitor headset	•	•	•	•
Amplified monitor speaker		•	•	•
Low-battery indication	•	•	•	•
Remaining battery life display		•	•	•
Tone and pulse operation	•	•	•	•
Last number redial	•	•	•	•
Drop test (10 feet)	•	•	•	•
Supports rubber boot for additional drop resistance	•	•	•	built-in
Supports spring-loaded, field-replaceable belt clip	•	•	•	
Continuous polarity indication	•	•	•	•
PBX pause button	•	•	•	•
Mute switch	•	•	•	•
Headset jack	•	•	•	•
High-impedance monitor	•	•	•	•
Electronic ringer	•	•	•	•
Loop limit 2k @ 48 V DC (minimum)	•	•	•	•
Talk Mode resistance (275 Ω @ 20 mA)	•	•	•	•
Monitor mode impedance (>120 kΩ @ 1 kHz)	•	•	•	•
Redial memory		•	•	•

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Comparing Tones

	Trace-Rite TT250	Tone Generator TG100, TG101	Turbo-Tone TG200, TG201	Latch-Test TG300	Tri-Porter IVT600	Tonax TG455	Resi-Toner TG400
Sinewave output							•
Speaker POP							•
Tone through coax splitter					•	•	
POTS simulation					•	•	•
Squarewave output		•	•	•	•	•	
Amplitude control		•	•	•	•	•	•
Auto off		•	•	•	•	•	•
Transmits through walls	1 ft	1 ft	3 ft	1 ft	2 ft coax	1 ft	1 ft
Multiple tones	2	3	3	3	3	3	3
Alligator clips	•	TG100	TG200	•		•	•
Angled bed-of-nails clips		TG101	TG201		•		
Continuity test	•	•	•	•	•	•	•
RJ11 mod jack	•	•	•	•	•	•	•

Comparing Probes

	Trace-Rite TT250	Tone Tracer TT100	Tri-Porter IVT600 Wand	Resi-Tracer TT300
2.5 mm headset plug		•		
Speaker phase test				•
Magnetic coil mode (for use with coax)			•	•
Off-hook listen (monitor and listen)			•	•
On-hook monitor			•	•
Electric field pickup	•	•	•	•
Volume control	•	•	•	•
Changeable tips	•	•	•	•
Works with any analog tone generator	•	•	•	•

Comparing Cabling and Network Testers

	Resi-Tester/Testifier TP300/TP350	LanRoamerPRO TP600, TP607 (kit)	TestifierPRO TP650, TP655 (kit)	LanScaper NT700, NT750 (kit)	LanScaperPRO NT800, NT850 (kit)	Tri-Porter IVT600	Validator NT950	Validator-NT NT955
Ethernet speed certification							•	•
Network discovery (CDP)					•			•
Reporting capability							•	•
Bit error rate test (BERT)							•	•
Skew							•	•
SNR							•	•
Dial-tone simulation						•		
POTS telephone test set						•		
Power over Ethernet (PoE)					•			
Port discovery [1]			100 Mb/s	1 Gb/s	1 Gb/s			1 Gb/s
Ping			•	•	•	•		•
Hub flash			•	•	•	•	•	•
Single-ended test [2]		•	•	•	•	•	•	•
Distance to shorts							•	•
Distance to opens		•	•	•	•	•	•	•
Split pair	•	•	•	•	•	•	•	•
Wiremap (8 remotes supported)	•	•	•	•	•	•	•	•
Toning (sends tone)	•	•	•	•	•	high-power	•	•
Cable ID-only remotes (20 supported)	•		•		•	•	•	•
Network cable (RJ45 connector)	•	•	•	•	•	•	•	•
Phone cable (RJ11 connector)	•	w/adapter	•			•	•	•
Coax connector	•	w/adapter	•			•	•	•
Continuity	•	•	•	•	•	•	•	•

[1] Advertised capability and speed detection

[2] Shorts, splits, miswires, and opens

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Accessories

Telephone Test Set Accessories

Adapters

LB22	No-twist cord for telephone handset
LB64	4-position modular
LB66	6-position modular
LB68	8-position modular

Clips

LB60B	Two-piece swivel belt clip
LB70B	Hook/clip on battery door assembly (yellow)
LB75	Hook-type clip
LB85B	Hook/clip on battery door assembly (blue)

Cord Sets

LB10B	1.22 m (48 in) RJ11 to alligator clips set with strain relief
LB20B	1.22 m (48 in) RJ11 to piercing pin clips set with strain relief
LB25	1.22 m (48 in) RJ11 to piercing pin clips set with strain relief
LB30B	1.22 m (48 in) RJ11 to angled bed-of-nails clips with strain relief
LB31B	1.22 m (48 in) RJ11 to alligator clips set
LB35	1.22 m (48 in) cloth-braided RJ11 to angled bed-of-nails clips set

Headsets

LB40B	Mini over-the-ear headset with boom microphone, 2.5 mm jack
LB45B	Mini over-the-head headset with cushioned earpiece, 2.5 mm jack

Rubber Boot

LB81	Protective boot for Lil' Buttie series telephone test sets

Tester and Tracing Accessories

Adapters

TG31	Shielded F-connector
TP50	RJ45 to coax F-connector (2-piece)
TP60	RJ45 plug to RJ11 jack (2-piece)
TP62	F-connector plug to BNC jack
TP63	F-connector jack to BNC jack
TP70	RJ45 plug to BNC jack
TP72	BNC plug to F jack

Cable Assemblies

LB32	60.96 cm (24 in) F push-on connector to alligator clips set
LB34	45.72 cm (18 in) F push-on plug to RJ11
TG30	30.48 cm (1 ft) coax cable
TG32	3.05 m (10 ft) safety ground cable
TP10	19 cm (7.5 in) RJ45 to modular 8-position plug for RJ11 or RJ45 jacks

Tester and Tracing Accessories (continued)

TP20	19 cm (7.5 in) RJ12 to RJ12 cable for no-fault connection to RJ11 or RJ45 jacks
TP21	No-fault RJ12 replacement connector for TP10 and TP20
TP40	30.48 cm (12 in) RJ45 to alligator clips cable
TP55	30.48 cm (12 in) shielded cable, RJ45 connectors
TP68	60.96 cm (24 in) RJ45 to 8 alligator clips
TP74	Sacrificial cable for 8-position modular plug

Cord Sets

TG10	60.96 cm (24 in) RJ11 to alligator clip set for tone generator
TG20	60.96 cm (24 in) RJ11 to angled bed-of-nails cord set for tone generator

Remote Identifiers and Terminators

TP309	#1 cable test remote for Resi-Tester and Testifier
TP310	Set of 10 (1–10) coax ID-only remotes[1]
TP311	Set of 20 (1–20) coax ID-only remotes[1]
TP312	Set of 20 (1–20) RJ45 ID-only remotes[1]
TP314	Set of 20 (1–20) RJ11 ID-only remotes[1]
TP315	Set of 20 (1–20) two-lead ID-only remotes[1]
TP505	LanRoamer #1 cable test remote
TP608	Set of 7 (2–8) cable test remotes[2]
TP609	#1 cable test remote[2]
TP610	Set of 8 (1–8) cable test remotes[2]
TP610-2	#2 cable test remote[2]
TP610-3	#3 cable test remote[2]
TP610-4	#4 cable test remote[2]
TP610-5	#5 cable test remote[2]
TP610-6	#6 cable test remote[2]
TP610-7	#7 cable test remote[2]
TP610-8	#8 cable test remote[2]
TP65	#1 coax cable test remote for Resi-Tester or Testifier
CX30	Set of 4 (1–4) terminators for Coax Mapper
CX31	#1 brown terminator for Coax Mapper
CX32	#2 red terminator for Coax Mapper
CX33	#3 orange terminator for Coax Mapper
CX34	#4 yellow terminator for Coax Mapper
CX35	Batteries, 6-volt, for Coax Mapper

[1] For cable testers except Net-Rite, LanRoamer, LanRoamerPRO, and LanScaper

[2] For cable testers except LanRoamer and Net-Rite

Tester and Tracing Accessories (continued)

Test Leads

TM24	60.96 cm (24 in) banana plug to test probes cable assembly
TM48	1.22 m (48 in) banana plug to test probes cable assembly

Tracer Tips

TT30	Round tip for probe
TT35	Paddle-style tip for probe

Validator and Validator-NT

NT92	AC power supply
NT925	Smart remote for Validator
NT928	Smart remote for Validator-NT
NT93	Replacement battery
NT94	1.83 m (72 in) USB cable assembly
NT95	Cable speed certified labels, roll of 100

Other

WP10	Antenna for Wi-Net Window

Rugged Nylon Pouches and Tool Cases

LB80	Pouch for one Lil' Buttie Telephone Test Set
NT930	Validator or Validator-NT deluxe carrying case
NT935	Validator or Validator-NT stand-alone pouch
PC100	Pouch for one tone tracer
PC110	Pouch for one Talk-N-Trace set
PC150	Pouch for one Resi-Tester, Testifier, LanScaper, LanRoamer, or LanRoamerPRO
PC200	Pouch for one tone tracer and one tone generator
PC250	Pouch for Resi-Tester and Resi-Tracer
PC300	Pouch for Lil' Buttie Telephone Test Set, tone tracer, and tone generator
PC400	Pouch for 8 cable remotes and one Resi-Tester, Testifier, LanRoamer, LanScaper, or LanRoamerPRO
PWN-100	Pouch for Wi-Net Window
TK100	Deluxe, 26-pocket tool case
TK200	Zippered, 8-pocket tool case

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