



FiberOptic.com
The Fiber Optic Marketplace, LLC®



JDSU Product Catalog

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The Fiber Optic Marketplace, LLC is committed to maintaining excellent customer service and client relations. As we continue into the future, the company will continue to offer expertise in the field of fiber optics by providing customized solutions for our customers' project requirements. We will continue to uphold our status as the number one on-line provider of fiber optic products, training and rental solutions.

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TO PLACE AN ORDER

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If we have your email address on file, orders will be confirmed automatically via e-mail.

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JDSU Network and Enterprise Test Solutions

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

JDSU Network and Enterprise Test tools are designed for the requirements of customers who install, manage, and maintain premises, enterprise, and broadband access networks. These task-ready, or single-task, test instruments are easy to use and allow technicians to support the broad set of advanced communications, entertainment, and commercial applications used by consumers and businesses today.

Task-ready test tools from JDSU include the former Test-Um line of enterprise network and home wiring test instruments as well as those addressing the broadband access network test requirements of telecommunications and cable service providers.

From cabling testers and Ethernet network management tools to fiber optic and xDSL test instruments, JDSU Network and Enterprise solutions remove test complexity and enable reliable, high-quality network performance.



Ethernet Network Management Tools



Validator™ Ethernet Speed Certifier Kit

- Tests speed and performance capabilities of CAT5, CAT5E, and CAT6 cables
- Tests to TIA 568/570 interconnect standards
- Tests coax, telephone, audio, and security cables
- Creates and prints job reports and cable labels
- Wiremaps new or existing cable systems

Includes Smart Remote, 2 lithium ion rechargeable batteries, 2 AC adapter/charger units, 4 adapter cable assemblies, USB cable assembly, compact flash card, Plan-Um™ cabling installation and planning software, and deluxe carrying case.

Description	Order Number (MSRP)
Validator Ethernet Speed Certifier Kit (Choose the model with the appropriate AC adaptor cables)	
North America	NT950 (\$1265.40)
Without AC adapter cables	NT950-WOAC (\$1250.40)



Validator-NT™ Ethernet Speed Certifier and Active Test Kit

- Performs all Validator functions
- Qualifies VoIP lines
- Active network capabilities for test, link, and ID

Includes Smart Remote, 2 lithium ion rechargeable batteries, 2 AC adapter/charger units, 4 adapter cable assemblies, USB cable assembly, compact flash card, Plan-Um™ cabling installation and planning software, and deluxe carrying case.

Description	Order Number (MSRP)
Validator-NT Ethernet Speed Certifier and Active Test Kit (Choose the model with the appropriate AC adaptor cables)	
North America	NT955 (\$1622.25)
Without AC adapter cables	NT955-WOAC (\$1607.25)





LanScaper™ Cabling and Network Tester

- Detects and reports speed, capabilities, and location for active Ethernet devices and other connections 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 30.48 cm (1 ft) RJ45 to alligator clips cable, two 30.48 cm (1 ft) cable with RJ45 connectors, two 19 cm (7.5 in) RJ12 to RJ12 cable for no-fault connection to RJ11 or RJ45 jacks, and nylon case.

Description	Order Number (MSRP)
LanScaper Cabling and Network Tester with remote identifier	NT700 (\$334.71)
LanScaper Cabling and Network Tester Kit with 8 remote identifiers - includes probe and RJ45 to coax F-connector adaptor	NT750 (\$453.44)



LanScaperPRO™ Cabling and Network Tester

- Detects and reports speed, capabilities, and location for active Ethernet devices and other connections up to 1 Gb/s
- Identifies IEEE 802.3af PoE and legacy Cisco In-Line Power
- 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) cables with RJ45 connectors, two 30.48 cm (1 ft) RJ45 to alligator clip cables, two 19 cm (7.5 in) RJ12 to RJ12 cables for no fault connection to RJ11 or RJ45 jacks, and nylon case.

Description	Order Number (MSRP)
LanScaperPRO Cabling and Network Tester with remote identifier	NT800 (\$599.95)
LanScaperPRO Cabling and Network Tester Kit with 8 remote identifiers - includes probe	NT850 (\$799.95)



TestifierPRO™ Cable Tester

- Identifies cable termination on active ports by blinking port LED
- Measures cable length
- Tests and displays single-ended cable test results in wiremap format
- Includes integrated RJ11 and RJ45 jacks and F-connector
- Identify up to 20 network, telco, or cable runs at a time
- Generate 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, 30.48 cm (1 ft) cable with RJ45 connectors, #1 coax remote identifier, and pouch.

Description	Order Number (MSRP)
TestifierPRO Cable Tester with onboard remote identifier	TP650 (\$249.95)
TestifierPRO Cable Tester Kit with 8 remote identifiers - includes 30.48 cm (1 ft) coax cable	TP655 (\$324.95)





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, network tester, tone generator, cable tester/verifier, tone detector, and coax mapper

Includes main unit, remote tester/tracer, set of 20 (1–20) coax remote identifiers, set of 20 (1–20) RJ45 remote identifiers, set of 20 (1–20) RJ11 remote identifiers, set of 20 (1–20) two-lead remote identifiers, and zippered pouch.

Description	Order Number (MSRP)
Tri-Porter Premises Wiring Tester	IVT600 (\$799.00)



LanRoamer™ Cable Tester

- Cable test results displayed on main and remote units in less than 2 second
- 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 remote identifier, 30.48 cm (1 ft) cable with RJ45 connectors, and nylon pouch.

Description	Order Number (MSRP)
LanRoamer Cable Tester	TP500 (\$85.53)



LanRoamerPRO™ Cable Tester

- Measures cable length in feet or meters
- Two-line, 16-character alphanumeric 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, 30.48 cm (1 ft) cable with RJ45 connectors, wire configuration sticker, and pouch.

Description	Order Number (MSRP)
LanRoamerPRO Cable Tester with onboard remote identifier	TP600 (\$171.88)
LanRoamerPRO Cable Tester Kit with 8 remote identifiers	TP607 (\$287.86)
- includes RJ45 to coax F-connector adapter	



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

Description	Order Number (MSRP)
Wi-Net Window Wireless Network Analyzer	WP150 (\$280.75)



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, and nylon case.

Description	Order Number (MSRP)
Testifier Cable Tester with onboard remote identifier	TP350 (\$111.54)



Tell-All™ Port Wiring Indicator

- Identifies telephone and data lines for 10BASE-T, 100BASE-Tx, and Token Ring
- Detects voltage and polarity
- Includes a built-in battery

Description	Order Number (MSRP)
Tell-All Port Wiring Indicator	TP100 (\$32.47)



Satellite Finder™ 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 (MSRP)
Satellite Finder Signal Strength Meter	CS300 (\$31.58)



Master Wiremapping Kit

- Enables identification and match-up of both ends of installed cable
- Aids in finding end location of any type of cable run—network, telephone, audio, or coax

Includes set of 20 (1–20) coax remote identifiers, set of 20 (1–20) RJ45 remote identifiers, set of 20 (1–20) RJ11 remote identifiers, set of 20 (1–20) two-lead remote identifiers, and zippered pouch.

Description	Order Number (MSRP)
Master Wiremapping Kit	KP420 (\$190.62)





Speaker Seeker™ Wiremapping Tester

- 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 and 60.96 cm (2 ft) RJ11 to alligator clip set for tone generator.

Description	Order Number (MSRP)
Speaker Seeker Wiremapping Tester - includes set of 20 (1-20) two-lead remote identifiers	TP400 (\$131.09)
Speaker Seeker Wiremapping Tester - includes set of 20 (1-20) coax remote identifiers	TP410 (\$116.23)



Coax Mapper Cable Tester

- Test 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 remote terminators: #1 brown, #2 red, #3 orange, and #4 yellow.

Description	Order Number (MSRP)
Coax Mapper Cable Tester	CX200 (\$44.99)



Net-Rite™ Cable Tester

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

Description	Order Number (MSRP)
Net-Rite Cable Tester with on-board remote	TP250 (\$48.38)

Fiber Testers



OLP-5, OLP-6, and OLP-8 PocketClass Optical Power Meters

- Reliable, compact, and economical power meters
- Simple, three-button operation
- Bright, clear display for selected wavelength and modulation type
- Universal push/pull interface
- Supports singlemode and multimode applications
- Available in three different power ranges

Includes two dry batteries, belt bag, and manual.

Description	Order Number (MSRP)
OLP-5 PocketClass Optical Power Meter (-60 to +5 dBm)	BN 2256/01 (\$350.00)
OLP-6 PocketClass Optical Power Meter (-65 to +10 dBm)	BN 2256/02 (\$415.00)
OLP-8 PocketClass Optical Power Meter (-50 to +23 dBm)	BN 2256/03 (\$690.00)



OLS-5 and OLS-6 PocketClass Optical Light Sources

- Reliable, compact, and economical optical light sources
- Simple, three-button operation
- Bright, clear display for selected wavelength and type of modulation
- Supports dual wavelength measurement for multimode (850/1300 nm) and singlemode (1310/1550 nm, 1550/1625 nm, 1490/1550 nm)
- Includes ST port for multimode and FC/SC/LC ports for singlemode

Includes two dry batteries, belt bag, and manual.

Description	Order Number (MSRP)
OLS-5 PocketClass Optical Light Source	
- ST port for 850/1300 nm multimode)	BN 2255/01 (\$850.00)
OLS-6 PocketClass Optical Light Source	
- FC/PC port for 1310/1550 nm	BN 2255/02 (\$1495.00)
- SC/PC port for 1310/1550 nm	BN 2255/45 (\$1495.00)



ORL-55 SMART Optical Return Loss Meter

- Return loss meter, power meter, and laser source in one unit
- High-precision testing at two or three wavelengths
- TRIPLEtest function measures three wavelengths in real time
- Optional visual fault locator offers economical option for fiber tracing, routing, and continuity checking
- Auto-zeroing function for increased measurement accuracy
- Unlimited result storage capacity via USB

Description	Order Number (MSRP)
ORL-55 SMART Optical Return Loss Meter	
- 1310/1550 nm	BN 2287/21 (\$3,700.00)

Note: See ORL-55 data sheet for complete ordering information, options, and accessories.



Fiber Testers



OLT-55 SMART Optical Loss Test Set

- Two- or three-wavelength laser source with power meter
- Auto-zeroing function provides outstanding accuracy even for high loss measurements
- TRIPLetest measures and displays three wavelengths in real time
- Optional visual fault locator offers economical option for fiber tracing, routing, and continuity checking
- Unlimited result storage capacity via USB

Includes interchangeable adapters, four dry batteries, manual, and belt bag.

Description	Order Number (MSRP)
OLT-55 SMART Optical Loss Test Set	
- 1310/1550 nm (GE)	BN 2286/01 (\$3600.00)
- 1310/1550/1625 nm (InGaAs)	BN 2286/05 (\$4500.00)

Note: See OLT-55 data sheet for complete ordering information, options, and accessories.



OLS-55 and OLS-56 SMART Optical Laser Sources

- Provides up to four wavelengths for singlemode and multimode applications
- Output-level adjustment ensures correct power for each application
- Built-in optical isolator and power control ensure high output-level stability
- Communication with JDSU power meters for auto-lambda, TWINtest, and TRIPLetest functions
- Optional visual fault locator offers economical option for fiber tracing, routing, and continuity checking

Includes interchangeable adapter, four dry batteries, manual, and belt bag.

Description	Order Number (MSRP)
OLS-55 SMART Optical Laser Source	
- 1310/1550 nm, PC	BN 2279/01 (\$2975.00)
- 1310/1550/1625 nm, PC	BN 2279/02 (\$4080.00)
OLS-56 SMART Optical Laser Source	
- 1310/1550 nm, 850/1300 nm	BN 2279/05 (\$3800.00)

Note: See OLS-55 and OLS-56 data sheet for complete ordering information, options, and accessories.



OTS-55 SMART Optical Test Set

- Provides hands-free digital voice transmission over a single fiber between two OTS-55 units
- Enables voice communications with T-BERD/MTS 6000
- Rugged casing, four-way powering
- Optional visual fault locator offers economical option for fiber tracing, routing, and continuity checking

Includes interchangeable adapter, four dry batteries, manual, and belt bag.

Description	Order Number (MSRP)
OTS-55 SMART Optical Test Set	
- Single OTS-55 unit	BN 2285/01 (\$1550.00)
- Two OTS-55 units	BN 2285/10 (\$2990.00)

Note: See OTS-55 data sheet for complete ordering information, options, and accessories.

Fiber Testers



OLP-55 SMART Optical Power Meter

- Auto-zeroing function provides outstanding accuracy
- Automatic wavelength detection speeds testing and avoid instrument setting failures
- TWINtest and TRIPLEtest allow for simultaneous testing at multiple wavelengths
- Optional visual fault locator offers economical option for fiber tracing, routing, and continuity checking
- Unlimited result storage capacity via USB

Includes interchangeable adapter, four dry batteries, manual, and belt bag.

Description	Order Number (MSRP)
OLP-55 SMART Optical Power Meter	
- GE diode, general purpose	BN 2277/01 (\$1062.00)
- InGaAs diode, high sensitivity	BN 2277/02 (\$1360.00)
- InGaAs diode, high power (26 dBm)	BN 2277/03 (\$1360.00)

Note: See OLP-55 data sheet for complete ordering information, options, and accessories.



OLP-57 SMART FTTx/PON Selective Optical Power Meter

- BPON/EPON/GPON optical power meter
- Through mode measures 1490 and 1550 nm downstream and 1310 nm upstream simultaneously
- Easy pass/fail analysis via user adjustable thresholds per wavelength with ten pre-defined sets provided
- Optional visual fault locator offers economical option for fiber tracing, routing, and continuity checking
- Unlimited result storage capacity via USB

Includes interchangeable adapter, four dry batteries, manual, and belt bag.

Description	Order Number (MSRP)
OLP-57 SMART FTTx/PON Selective Optical Power Meter	
- 1310/1490 nm, PC, with broadband power meter mode	BN 2289/04 (\$1590.00)
- 1310/1490/1550 nm, APC	BN 2289/23 (\$1980.00)

Note: See OLP-57 data sheet for complete ordering information, options, and accessories.



OLA-54 and OLA-55 SMART Optical Level Attenuators

- Supports measurements on 50/125 μm multimode systems
- Ready for tests on 40 Gbps singlemode systems
- Allows for low minimum insertion loss
- SMARTWheel for precise and fat manual setting
- Absolute and relative attenuation setting

Includes interchangeable adapters, four dry batteries, manual, and belt bag.

Description	Order Number (MSRP)
OLA-54 SMART Optical Level Attenuator	
- Multimode, 50/125 μm	BN 2280/41 (\$2100.00)
OLA-55 SMART Optical Level Attenuator	
- Singlemode, PC	BN 2280/01 (\$2270.00)

Note: See OLA-54 and OLA-55 data sheet for complete ordering information, options, and accessories.



Fiber Testers



OMK-55 SMART Optical Test Kit

- Provides easy onsite access to all necessary tools to perform power and loss tests in the field
- Includes the OLP-55 SMART Optical Power Meter, OLA-55 SMART Optical Level Attenuator, and OLS-55 SMART Optical Laser Source

Includes hard or soft carrying case, adapters, and other accessories.

Note: See OMK-55 data sheet for complete ordering information, options, and accessories. (Call for details.)



T-BERD/MTS-6000 Compact Optical Test Platform

- Scalable, rugged, field-proven fiber test platform
- Modular design supports over 40 fiber modules
- Plug-in modules include OTDR, IL/ORL, PMD, CD, and WDM
- High-visibility color screen
- Supports testing for enterprise/premises networks, FTTx/access/metro networks, or long-haul networks with speeds up to 40 Gbps

Description	Order Number (MSRP)
T-BERD/MTS 6000 platform – with color display and battery pack	ETB6000 (Call)
T-BERD/MTS 6000 platform – with touchscreen color display and battery pack	ETB6000T (Call)
OTDR module	E81xxSR, E81xxDR, E81xxHD, E81xxVLR, E81xxUHD, E8123MM (Call)
PMD module	E81PMD, E81WDMMPMD (Call)
WDM module	E81WDM (Call)
CD module	E5083CD (Call)
OFI module	E81xxOFI (Call)

T-BERD 6000 LITE Compact OTDR

- Fast and precise fault detection and location
- Simple one-button operation provides full OTDR functionality
- Provides distance, loss, and ORL measurements
- High-visibility color screen
- Optimized optical test solution for enterprise and FTTx/access networks

Description	Order Number (MSRP)
T-BERD/MTS 6000 lite – 32/30 dB 1310/1550 nm OTDR	ETB6026VSRE (Call)

Note: See T-BERD/MTS-6000, T-BERD 6000 LITE, and separate module data sheets for complete ordering information, options, and accessories.



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 60.96 cm (2 ft) RJ11 to alligator clip set.

Description	Order Number (MSRP)
Resi-Toner Tone Generator	TG400 (\$78.02)



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.

Description	Order Number (MSRP)
Turbo-Tone High-Power Tone Generator with alligator clips cord set	TG200 (\$70.11)
Turbo-Tone High-Power Tone Generator with angled bed-of-nails set	TG201 (\$75.52)



Trace-Rite™ Tone Generator

- 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

Description	Order Number (MSRP)
Trace-Rite Tone Generator with on-board probe	TT250 (\$48.38)



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 can 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.

Description	Order Number (MSRP)
Tone Generator	
- includes 60.96 cm (2 ft) RJ11 to alligator clip set	TG100 (\$36.91)
Tone Generator	
- includes 60.96 cm (2 ft) RJ11 to angled bed-of-nails set clip set	TG101 (\$42.32)



Resi-Tracer™ Probe

- Traces Ethernet, 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.

Description	Order Number (MSRP)
Resi-Tracer Probe	TT300 (\$89.17)





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 and two 1.22 m (4 ft) RJ11 to alligator clip cord sets.

Description	Order Number (MSRP)
Talk-N-Trace Communication and Testing Set	TM110 (\$142.15)



Tone Tracer High-Sensitivity Probe

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

Includes replacement round tip and paddle-style tip for probe.

Description	Order Number (MSRP)
Tone Tracer High-Sensitivity Probe	TT100 (\$51.77)



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.

Description	Order Number (MSRP)
Latch-Test Security/Alarm Tone Generator	TG300 (\$58.56)



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 clip set, shielded F-connector adapter, 3.05 m (10 ft) safety ground cable, and pouch.

Description	Order Number (MSRP)
Tonax Coax Tone Generator	TG455 (\$78.02)



Telephone Test Sets



Lil' Buttie™ Telephone Test Set

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

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

Description	Order Number (MSRP)
Lil' Buttie Telephone Test Set	LB110 (\$133.27)
Lil' Buttie Telephone Test Set - substitutes 1.22 m (48 in) RJ11 to piercing clip set	LB100 (\$126.00)
Lil' Buttie Telephone Test Set with rubber boot	LB110-BT (\$139.17)
Lil' Buttie Telephone Test Set with hook-type belt clip	LB115 (\$138.60)



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

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

Description	Order Number (MSRP)
Lil' Buttie PRO Telephone Test Set	LB220 (\$174.85)
Lil' Buttie PRO Telephone Test Set with rubber boot	LB220-BT (\$181.46)
Lil' Buttie PRO Telephone Test Set with hook-type belt clip	LB230 (\$180.00)



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
- Displays line reversals

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

Description	Order Number (MSRP)
Lil' Buttie Ranger Telephone Test Set	LB255 (\$266.30)
Lil' Buttie Ranger Telephone Test Set with rubber boot	LB255-BT (\$272.30)
Lil' Buttie Ranger Telephone Test Set with rubber boot and hook-type belt clip	LB260-BT (\$275.30)



Notes:

FiberOptic.com Hands-On Training

The Fiber Optic Marketplace, LLC®

The Fiber School has developed comprehensive, integrated training programs to meet the needs of designers, installers and users of fiber optic products. Courses are structured for each application's unique needs: telecommunications, cable television, access, local and wide area networks, wireless networks, intelligent transportation systems (ITS) and power utilities. FiberOptic.com offers you comprehensive around the world training that helps you build technical solutions and stay competitive today and in the future.

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- **Keith Shelton**
Tennessee Electric Co.

"The training environment has all the necessary equipment. This makes the transition from class to work environment easy and realistic, especially since labs are involved."

- **Edward Millington**
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