



## LinkMaster™ PRO Tester



- Tests for shorts, opens, miswires, reversals, split pairs, and shield continuity
- Measures length on UTP, ScTP, and coax with or without remotes
- Identifies up to eight twisted pair and coax remotes
- Tone generator sends up to four different tones
- Test results displayed in wire map format
- Snap-off battery cap allows for easy battery change
- Two size kits with unshielded and shielded cables





## LinkMaster™ PRO Tester

The LinkMaster™ PRO Tester enables installers, contractors and maintenance technicians to map, test and troubleshoot data and voice communication cable and coax runs. Rugged, versatile, and easy-to-use, the LinkMaster™ PRO tester has mastered the link between performance, simplicity and value for both commercial and residential applications.

### Features

- Two line by 16 character full alphanumeric LCD with icons for clear results
- Tests for shield continuity, shorts, opens, miswires, reversals and split pairs with remote connected
- Pretest—One ended testing for shorts, opens and split pairs (no remote connected)
- Test results displayed in wire map format with message line for shorts and split pairs
- Displays PASS and sounds beep (optional) for T568A/B
- Will display wire map for 10Base-T and Token Ring with remote connected
- UTP, ScTP, and coax length measurement in feet or meters using cable capacitance method
- Coax mapping with up to eight color coded coax remotes
- Tone generator mode sends four different tones on all conductors, selected pair or selected pin
- Auto-on of LinkMaster™ PRO when remote is attached
- Auto-off in any mode and low power consumption for long battery life
- Low Battery symbol indicates when to change battery
- Black battery cap allows for quick and easy battery change
- Second jack acts as internal remote and allows patch cord testing on main tester unit only
- Will identify if connected to network device during length test
- 9 volt battery included in tester

Main Jack for all Testing

Remote Jack for Patch Cords



Four Modes of Operation

- Pretest
  - Tone
  - Length
  - Coax
- Setup Mode
- To set user selectable options
  - Push Mode to exit

Press SEL to:

- Execute current displayed mode
- Start new test cycle
- Select one of four tones
- Change pair being measured for length
- Change user selectable options
  - Beep On/Off
  - Unshielded or Shielded Cable
  - Units—Feet or Meters

Arrow Keys

- To change length constant (see chart for required parameters)
- To change pair or pin selection for tone
- To scroll through setup selectable options



The Tone Mode generates four different tones on all pairs, a selected pair, or selected pin. The tone signal has constant tone amplitude over the life of the battery and two tone amplitude of normal and half (HI on pair and Low on pin).



The Length Mode measures the length of a cable by measuring its capacitance and using the capacitance per length (length constant). Length can be measured with or without remote attached.

# LinkMaster™ PRO Tester



## LinkMaster™ PRO Tester Kits

Everything you need to perform all test functions for up to eight remote mapping locations on twisted pair and coax cable is included in this kit. The difference between catalog numbers is one kit includes unshielded jumper cables and the other kit includes shielded jumper cables. Kit includes:

- Main tester
- Eight twisted pair remotes
- Eight CATV color coded F-Terminators
- Nine jumper cables
- RJ-45 to F-connector adapter
- RJ-45 to alligator clip cable assembly
- Carrying case

Description	Cat. No.
Kit with Unshielded Jumper Cables	33-825
Kit with Shielded Jumper Cables	33-826
Replacement Large Case only	H-3324

## LinkMaster™ PRO Economy Kits

Perform all test functions with one remote each for both twisted pair and coax cable complete in this economy kit with carrying case. The difference between catalog numbers is one kit includes unshielded jumper cables and the other kit includes shielded jumper cables. Kit includes:

- Main tester
- One twisted pair remote
- Two jumper cables
- Brown CATV color coded F-Terminators
- RJ-45 to F-connector adapter
- Carrying case
- RJ-45 to alligator clip cable assembly

Description	Cat. No.
Kit with Unshielded Jumper Cables	33-835
Kit with Shielded Jumper Cables	33-836
Replacement Small Case only	IA-4868



## Accessories

### F-Terminators Catalog No. LA-4159

Complete set of eight CATV color coded F-terminators for replacements or to expand the economy kit to a full kit.



### Security Accessory Kit Catalog No. LA-4157

For testing individual pairs on sensors, light controls, and CCTV leads in security applications. Modular adapter allows for continuous line monitoring while testing for length and other functions.

Kit includes eight position modular adapter and a quantity of eight RJ-45 to alligator clip assemblies.



(8 included)

### LinkMaster™ PRO Remotes Catalog No. LA-4158

Replacement remotes two through eight for replacement or to expand the economy kit to a full kit.





# Additional DataComm Products

## MiniTracker™ Tester

Identifies (or maps) different cable end points and cable runs within a structure by identifying remote terminator color code. Tone Mode can be used to send a tone signal on coaxial cable for tracing.

- Designed specifically for cable TV, security video, broadcast and building/home automation system applications
- Single run/multi-run testing ability
- Includes 4 F-type terminators



Description	Cat. No.
MiniTracker™ Tester w/4 F-type terminators	62-202

## Tone and Probe Kit Cat. No. 33-864

The Amplifier Probe and Tone Generator Kit is designed to identify and trace wires or cables within a group without damaging the insulators.



### 33-864 Kit Includes:

Description	Cat. No.
Amplifier Probe	62-164
Tone Generator	62-160
Lead Set	142-014
Cable Assembly	K-7919
Flat Tip	LA-4144
Soft Black Pouch	62-168

## Technician's Service Kit Cat. No. 33-505

This handy kit with belt clip provides all the tools necessary to terminate voice and data connections.



### 33-505 Kit Includes:

Description	Cat. No.
Punchmaster™ II Punchdown Tool w/110 Blade	35-485
Punchmaster™ II 66 Blade only	35-497
Electrician's Scissors w/Stripping Notches	35-088
UTP/STP Stripper	45-165
Electrician's Cabinet Tip Screwdriver	35-183
Probe Pick and Spudger	35-473
Nylon Case	62-205

## LinkMaster™ Tester

Tests wiring configurations on UTP/STP cables. Checks for shorts, miswires, reversals and split pairs. Debug feature, automatic shut-off and low battery LED indication.

- Designed to test installed twisted pair wiring
- Tests unshielded and shielded modular plugs
- Main unit and remote allow one person testing



Description	Cat. No.
LinkMaster™ Tester and Remote	62-200

## Cable Service™ Kits

### Cable Kit Cat. No. 33-605

This handy tote includes the most popular tools for terminating and tracing voice and data connections.



### Deluxe Cable Kit Cat. No. 33-705

Same as 33-605 kit with the addition of the LinkMaster™ Tester and Telemaster™ tool.



Content of Kits 33-605 Cable Service Kit	Qty.	Cat. No.
Punchmaster™ w/110 Blade	1	35-485
66 Blade only	1	35-497
Electrician's Scissors w/Stripping Notches	1	35-088
UTP/STP Stripper	1	45-165
5-in-1 Screwdriver	1	35-905
Probe Pic & Spudger	1	35-473
Tone Generator	1	62-160
Amplifier Probe	1	62-164
Journeyman's Electrician's Tote	1	35-462
Content of Kits 33-705 Cable Service Kit		
Same contents as 33-605 plus:		
Telemaster™ Tool	1	30-496
LinkMaster™ Tester and Remote	1	62-200