

**NUMERICAL INDEX — DIVISION 634**  
**ELECTRICAL CABLE TESTING AND IDENTIFICATION**

**1. GENERAL**

- 1.01** This section provides an index of System-issued sections in Division 634.
- 1.02** A bullet (●) indicates an item that has been added or changed since the previous issue of the index.
- 1.03** A square (□) indicates a canceled item. Information relating to the cancellation, if necessary, will be shown in a note following the item. Canceled items and related notes will be deleted upon reissue of the index.
- 1.04** "Add" is the abbreviation for Addendum.

**2. LAYERS**

- 2.01** This division is arranged in layers as follows:
- 634-0 Indexes and General Information
    - 2 Identifying Conductors, Locating Underground Pipes and Cables
    - 3 Fault Location, Transfers, and Section Replacement
    - 4 Transmission Tests

**3. INDEX**

Section Number	Issue	Subject
<b>634-0 INDEXES AND GENERAL INFORMATION</b>		
<b>634-000 Indexes</b>		
● 634-000-000	47	Numerical Index — Division 634 — Electrical Cable Testing and Identification
<b>634-020 Cable Testing — General</b>		
634-020-012	2	Resistance of Cable Conductors
634-020-200	2	Temporary Clearing of Cable Ends
634-020-500	3	Insulation Resistance Tests Paper Insulated Cables
634-020-501	1	General Rules for Using Identification Tone
634-020-502	3	Detecting Tone With an Amplifier
634-020-504	2	High Potential DC Testing of Wire Communication Facilities Serving Power Stations
634-020-505	1	1097A Filter — Description and Use
<b>634-040 Talking Circuit</b>		
634-040-500	1	General Rules for Establishing
634-040-502	1	Talking Circuit With 76-Type Test Set
<b>634-050 Calling Circuit</b>		
634-050-501	1	Calling Circuit — 76-Type Test Set

Section Number	Issue	Subject
<b>634-2 IDENTIFYING CONDUCTORS, LOCATING UNDERGROUND PIPES AND CABLES</b>		
<b>634-200 Identifying Conductors, Two Point Operation</b>		
634-200-450	1	138A Test Set — Description and Use
634-200-501	3	76C Test Set
634-200-502	2	General — Identifying Conductors With 84A Test Set (Cableman's Talking Set)
634-200-503	2	79D Test Set
● 634-200-504	1	146A Test Set — Description and Use
634-200-511	1	Long Cables
634-200-512	1	Short Dead Cable
634-200-515	2	Wet Cable
634-200-520	2	Pair Identification Using the AT-8121, L1A Test Set
<b>634-210 Identifying Conductors, Single Point Operation</b>		
634-210-507	3	Using the 108A and 109A Test Sets
634-210-510	1	Pair Identification Using CB Automatic Pair Identifier
<b>634-215 Cable Restoration</b>		
634-215-500	1	Dedicated Plant Identifying Paper Insulated Cable Pairs
634-215-505	1	Rapid Restoration and Neon Restoral Boards
<b>634-220 Locating Underground Pipes and Cables</b>		
634-220-500	2	Low Frequency Method
634-220-501	3	Locating Underground Pipes and Cables — High Frequency Method
634-220-505	1	AT-8681 B Ground Probe — Description and Use
634-220-515	2	Buried Cable Depths Using 121A Test Set
<b>634-3 FAULT LOCATION, TRANSFERS, AND SECTION REPLACEMENT</b>		
<b>634-300 Defective Pairs — Detection</b>		
634-300-500	3	General
634-300-501	2	Battery and Receiver Method
634-300-511	1	AT-8592 L1A Test Set — Description and Use

**NOTICE**  
 Not for use or disclosure outside the Bell System except under written agreement

## SECTION 634-000-000

Section Number	Issue	Subject
<b>634-305 Fault Location</b>		
634-305-501	10	Using the Breakdown Test Set (KS-14103 Type)
634-305-505	4	Locating Faults in Nonloaded Cables by the Exploring Coil Method
634-305-510	2	Locating Open Faults — Using the Delcon 4910-Type Open Fault Locators
634-305-511	2	Locating Faults in Long or Loaded Cables by the Exploring Method
634-305-512	1	Locating Faults With the 78A and 95A Test Sets
634-305-513	1	Locating Faults With the 99A and 95B Test Sets
634-305-514	1	Locating Faults Using the Dynatel 710A Test Set — Description and Use
634-305-515	1	Digital Transmission Systems
<b>634-310 Fault Location — Wheatstone Bridge</b>		
634-310-500	3	Locating Faults With Portable Wheatstone Bridge (KS-14959 Test Set)
Add 634-310-501	2	
634-310-501	3	Locating Cable Faults With the 96A Test Set
<b>634-315 Fault Location — Sheath Openings</b>		
634-315-500	2	Cable Testing — General — Locating Sheath Openings in Buried PIC Cables
<b>634-320 Testing and Fault Location Coaxial Cable</b>		
634-320-010	1	Precautions in Testing Coaxials
634-320-500	2	Testing Procedure for Coaxials
634-320-501	1	Operation of 94A Test Set
634-320-502	3	Adaptors and Cords
634-320-505	1	128A Test Set — Use
634-320-506	1	Corona Noise Location — Test Set — Use

Section Number	Issue	Subject
634-320-550	1	Fault Location in Coaxial Cable
<b>634-350 Cable Transfers</b>		
634-350-505	4	Transfers
634-350-515	1	Using the Cut-Closed Set (AT-8241, L1A Test Set)
<b>634-355 Section Replacement</b>		
634-355-500	3	General Rules
634-355-501	3	Identifying Conductors
634-355-503	1	104A Test Set Method
<b>634-4 TRANSMISSION TESTS</b>		
<b>634-400 Capacitance Testing and Crosstalk Reduction</b>		
634-400-500	1	Apparatus for Crosstalk Poling Tests
634-400-501	1	Cable Testing, Poling for Side-Side Crosstalk Reduction 3-Point Poling
634-400-505	2	Capacitance Unbalance Testing
634-400-506	1	Localized Balancing for Reduction of Crosstalk in 4-Wire Cable Circuits
634-400-511	3	Balancing Cable and Balancing Unit for Reducing Quadded Cable Capacitance Unbalances
634-400-512	1	Adjustable Balancing Condensers for Reducing Crosstalk in Toll Entrance and Toll Cable Circuits
634-400-515	1	Far-End Crosstalk Measurements
634-400-530	1	152A Test Set (Construction Verification Test Set) — Description and Use
<b>634-405 Transmission Tests — PICTUREPHONE®</b>		
Add 634-405-301	1	
634-405-301	1	Trouble Location
634-405-501	2	Suitability Testing Procedures