

**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 A spade (♠) indicates an item not on microfiche. This index indicates the latest issue for hard-copy BSPs. In some cases, the microfiche BSP will reflect the next higher issue as a result of the reduced distribution interval.

1.05 "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
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634-0 INDEXES AND GENERAL INFORMATION

634-000 Indexes

- ♠ 634-000-000 64 Numerical Index — Division 634 — Electrical Cable Testing and Identification

634-020 Cable Testing — General

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|-----|-------------|---|---|
| Add | 634-020-010 | 1 | |
| | 634-020-010 | 1 | Identification of Electrical Test Equipment |
| | 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 | 2 | General Rules for Using Identification Tone and for Establishing a Talk Circuit |
| | 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 |

634-2 IDENTIFYING CONDUCTORS, LOCATING UNDERGROUND PIPES AND CABLES

634-200 Identifying Conductors, Two Point Operation

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|--|-------------|---|-------------------------------------|
| | 634-200-225 | 1 | 145A Test Set — Description and Use |
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Section Number	Issue	Subject
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| | 634-200-450 | 1 | 138A Test Set — Description and Use |
| Add | 634-200-501 | 1 | |
| | 634-200-501 | 4 | 76C Test Set — Description and Maintenance and Establishing Talk and/or Calling Circuit |
| | 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 | 2 | Cable Testing — General |

634-210 Identifying Conductors, Single Point Operation

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| | 634-210-507 | 3 | Using the 108A and 109A Test Sets |
| | 634-210-510 | 1 | Pair Identification Using CB Automatic Pair Identifier |

634-215 Cable Restoration

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| | 634-215-500 | 1 | Dedicated Plant Identifying Paper Insulated Cable Pairs |
| | 634-215-505 | 1 | Rapid Restoration and Neon Restoral Boards |

634-220 Locating Underground Pipes and Cables

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| | 634-220-500 | 2 | Low Frequency Method |
| | 634-220-501 | 3 | Locating Underground Pipes and Cables — High Frequency Method |

634-3 FAULT LOCATION, TRANSFERS, AND SECTION REPLACEMENT

634-300 Defective Pairs — Detection

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| | 634-300-501 | 2 | Battery and Receiver Method |
| | 634-300-511 | 2 | AT-8592 L1A and L1B Test Sets — Description and Use |

634-305 Fault Location

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| | 634-305-501 | 11 | KS-14 103 L5 Test Set (Breakdown) — Description, Use, and Maintenance |
| Add | 634-305-502 | 1 | |
| | 634-305-502 | 1 | KS-14 103 L6 Test Set (Breakdown) — Description, Use, and Maintenance |
| | 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 |

NOTICE

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

SECTION 634-000-000

Section Number	Issue	Subject
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
634-310 Fault Location — Wheatstone Bridge		
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
634-315 Fault Location — Sheath Openings		
634-315-501	2	173A Test Set — Description and Use
634-315-502	2	170A Buried Service Wire Test Set — Description and Use
634-315-505	2	176A Test Set — Description and Use
634-320 Testing and Fault Location Coaxial Cable		
634-320-010	2	General Precautions
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	2	Corona Noise Location — Test Set — Description, Use, and Maintenance
Add 634-320-550	2	
634-320-550	2	90A Test Set — Description, Maintenance, and Use
634-350 Cable Transfers		
634-350-505	4	Transfers

Section Number	Issue	Subject
634-350-515	1	Using the Cut-Closed Set (AT-8241, L1A Test Set)

634-355 Section Replacement

634-355-500	3	General Rules
634-355-501	3	Identifying Conductors
634-355-503	1	104A Test Set Method

634-4 TRANSMISSION TESTS

634-400 Capacitance Testing and Crosstalk Reduction

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

634-405 Transmission Tests — PICTUREPHONE®

Add 634-405-301	1	
634-405-301	1	Trouble Location
634-405-501	2	Suitability Testing Procedures

634-414 Transmission Test Set Coaxial Cable

634-414-201	2	T4M Digital Line — J98721G Transmission Test Set Use
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