

PRIVATE LINE EQUIPMENT No. 51

SUPPLIES

1. GENERAL

- 1.01 This Section lists the supplies required in connection with the installation of No. 51 private line equipment.

2. SUPPLIES

Assembly	Mounting, Dwg. ED-69143-01, G1 Two 19-inch bars for mounting six 13B key telephone units in a four-plate metal apparatus cabinet. To be used in apparatus cabinets per Spec. ES-10411, List 16, and Dwg. ED-91472-01, G3.
Backboard	Dwg. CS-1718, G1 For wall mounting of metal apparatus cabinets.
Base	Mounting, Dwg. CS-1717, G1 For floor mounting of the four-plate metal apparatus cabinet.
Batten	Birch, 1-1/2" x 3" x 5' For mounting two or more metal cabinets on a hollow tile wall.
Cabinet, Apparatus	Spec. ES-10411, List 16 Four-plate metal apparatus cabinet, walnut finish, equipped with relay equipment for five central office, P. B. X., or private lines, auxiliary signal, and automatic battery cut-off on 19-inch mounting plate. The apparatus cabinet is equipped with resistance lamp, fuse equipment, and drawings. Provides additional space for (a) Three-line relay units per Spec. ES-10411, List 13, or (b) One-line relay unit per Spec. ES-10411, List 13, and six 13B key telephone units on a mounting assembly per Dwg. ED-69143-01, G1. Note: Apparatus Cabinet, Spec. ES-10411, List 6 is an acceptable substitute, except for installations for private lines using local cable. List 6 includes similar equipment to the List 16, less the automatic battery cut-off feature, on a 14-1/8-inch mounting plate. If a List 6 cabinet is substituted for a List 16, additional line units must be per List 3 instead of List 13. Dwg. ED-91472-01, G3 Four-plate metal apparatus cabinet, walnut finish. For mounting two additional mounting assemblies per Dwg. ED-69143-01, G1 each equipped with six 13B key telephone units.

Cabinet, Key	<p>Spec. ES-10411, List ()</p> <p>Double sided key cabinets equipped with two attendant's telephone circuits, line and busy lamps, battery and buzzer cutoff. Black finish. Arranged for full multipling. Wired and equipped as follows:</p> <p>List 11 - Equipped for 20 and wired for 20 circuits.</p> <p>List 11-A - Equipped for 10 and wired for 20 circuits.</p>
Details	<p>Mounting, Dwg. CS-1717, G2</p> <p>For floor mounting of two four-plate metal apparatus cabinets, on a mounting base per Dwg. CS-1717, G1</p>
Dial	<p>5HB</p> <p>Two required for each key cabinet. Order separately for each dial:</p> <p>1 - Cord, D5S</p> <p>1 - Mounting, Dial, 39A</p> <p>3 - Screws, P-160647 - (.164) 8-32 O.H.N.P., 1-1/4" long</p> <p>3 - Nuts, P-234200 - Hex. (.164) 8-32</p>
Drawings	<p>Spec. ES-10411, List ()</p> <p>Set of drawings placed in an envelope. For use when additional set of drawings is required.</p> <p>List 7 - Covers equipment when line relay units on 14-1/8-inch mounting plates are used. One set is included with each cabinet per Spec. ES-10411, List 6.</p> <p>List 17 - Covers equipment when line relay units on 19-inch mounting plates are used. One set is included with each cabinet per Spec. ES-10411, List 16.</p> <p>ED-69142-01</p> <p>Assembly, equipment and cabling of key telephone units in four-plate metal apparatus cabinets.</p>
Hanger	<p>Set, Hand, No. 4A</p> <p>Mounts on table apron or edge.</p>
Jack	<p>223A</p> <p>Two used in a 237A jack mounting for use with head telephone set or hand set equipped with plug ended cord.</p>
Mounting	<p>Jack, No. 237A</p> <p>Black metal box with face of insulating material. Arranged to mount two No. 223A jacks which must be ordered separately. For mounting on side of desk. Provided with two mounting screws.</p>

Set, Hand	<p>F1A-3 Consists of F1 hand set handle, HA1 receiver and F1 transmitter units, transmitter and receiver caps, and H3 cord.</p> <p>F2A-3 Black, 4 foot cord. Consists of F2-3 hand set handle, HA1 receiver and F1 transmitter units, transmitter and receiver caps, and H4T-9 cord.</p>
Set, Head	<p>Telephone, 52A Equipped with 289A plug.</p>
Unit, Key Telephone	<p>13B Used as line relay for private lines using local cable. Modified by installer per Dwg. 4GS-405-2, Fig. 4. Mounting assemblies per drawing must be ordered separately.</p>
Unit, Relay, Line	<p>Spec. ES-10411, List () Line relay unit for C. O. P. B. X., or private line circuits.</p> <p>List 3 - Consists of equipment assembly and cabling for five line circuits on a 14-1/8-inch mounting plate with a 195-type terminal strip attached to the plate by a pigtail and is used for addition of lines to apparatus cabinet per ES-10411, List 6. List 3 may be substituted for List 13 when a List 6 apparatus cabinet is substituted for a List 16 apparatus cabinet.</p> <p>List 13 - Consists of equipment assembly and surface wiring for five line circuits on a 19-inch mounting plate with a screw type terminal panel attached by a pigtail and is used for addition of lines to apparatus cabinet per ES-10411, List 16.</p>
Varistor	<p>37A For use with jack assembly.</p>

3. APPARATUS AND MATERIAL FOR RECOVERY ONLY - MANUFACTURE DISCONTINUED

Cabinet, Apparatus	<p>Spec. ES-10411, List 2 Wooden apparatus cabinet, walnut finish. Equipped with a steel framework for mounting nine 14-1/8-inch mounting plates and nine 195-type terminal strips.</p>
Cabinet, Key	<p>Spec. ES-10411, List () Double sided key cabinet equipped with two attendant's telephone circuits, line and busy lamps, battery and buzzer cutoff. Black finish. Arranged for cutoff between cabinets. Wired and equipped as follows:</p> <p>List 1 - Equipped for 20 and wired for 20 circuits.</p> <p>List 1-A - Equipped for 10 and wired for 20 key circuits.</p>

Unit, Dial

ES-10411, List 5

Assembly of equipment to provide dial equipment on key cabinet.
Consists of the following:

- 1 - Cord, D5G, 3-1/2"
- 1 - Dial, 4HB
- 1 - Mounting, Dial, 39A
- 3 - Screw, Machine, O. H. N. P., 8-32 x 1-1/4"
- 3 - Nut, Hex., 8-32

Unit, Relay,
Circuit, Signal
Auxiliary

Spec. ES-10411, List 4

Two auxiliary signal circuits on 14-1/8-inch mounting plate.