

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

SECTION G56.650.1
Issue 1, August, 1958
AT&T Co Standard

BURIED CABLE TERMINAL

KS-16551

DESCRIPTION

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1. GENERAL

1.01 This section describes the KS-16551 Buried Cable Terminals used for terminating, splicing and loading PIC cables in urban and rural distribution systems. A list of related practices is also included in this section.

1.02 The KS-16551 Terminals (List 1, 2, 3, and 4) are furnished in two basic types and each type is available in two sizes. List 1 and 2 are equipped with a galvanized steel post for mounting in the ground. The cable and service wires enter the base of the terminal through the post and post cover and are completely concealed. List 3 and 4 are equipped with a bracket and are intended for use on poles or buildings. A U-Guard must be used with the List 3 and 4 Terminals to protect the exposed cable and service wires. Each type is available in a 12 pair and a 36 pair size.

1.03 The maximum cable diameter which can be used with each terminal as well as the terminating, loading and splicing capacity is shown in the following table.

KS-16551 TERMINAL

List No	Pairs Terminated (max)	Pairs Loaded (max)	Pairs Spliced		Cable Diameter inches Max. O.D.
			on Binding Posts	using Joints	
1	12	—	11	—	.82**
3	12	—	11	—	.82**
2	36	1to5-137A L.C.C.	—	101-19 202-22	1.50
4	36	6to11-171C or * 171DL.C.C.	—	303-24 404-26	1.50

* 2-11 Pr. 171D L.C.C. can be installed if terminations are not required.

** Includes cables as large as 26-19, 51-22, 76-24, 101-26.

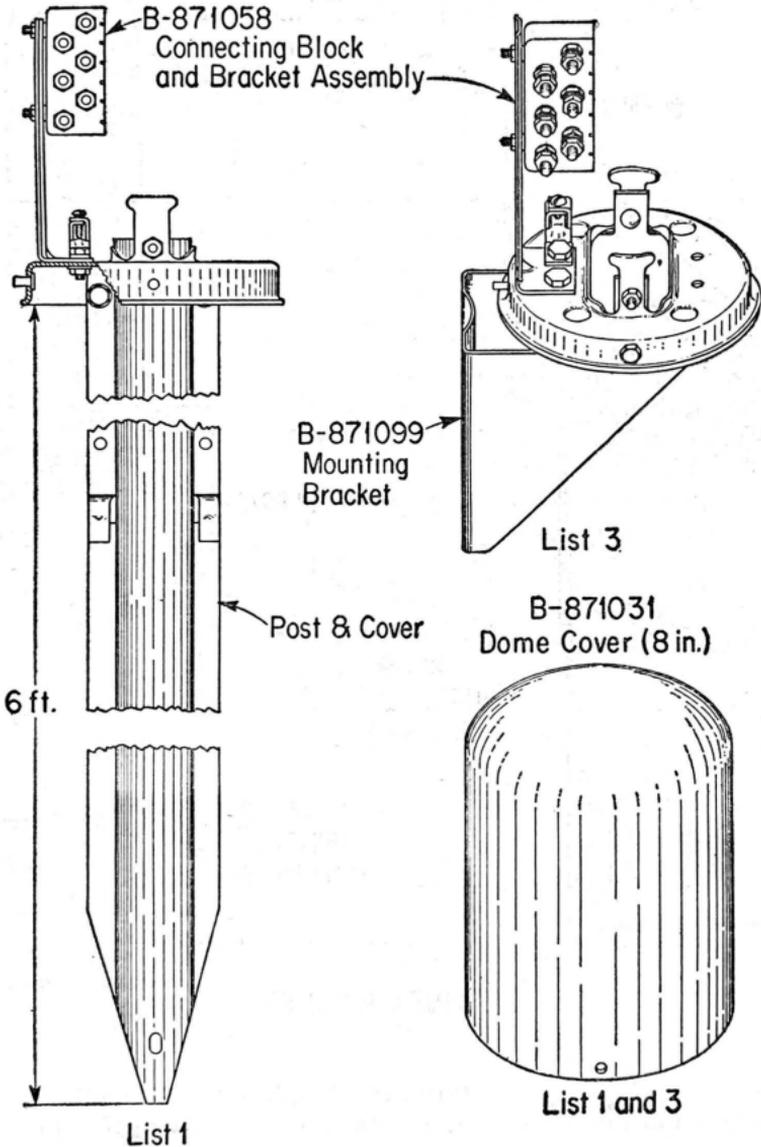
1.04 Each KS-16551 Terminal is furnished with one six pair terminal block. Additional blocks can be ordered as required.

1.05 All of the parts of the KS-16551 Terminals have a corrosion resistant finish. The exposed parts are galvanized and have a green, baked enamel finish. The small parts are hot dip galvanized.

2. DESCRIPTION

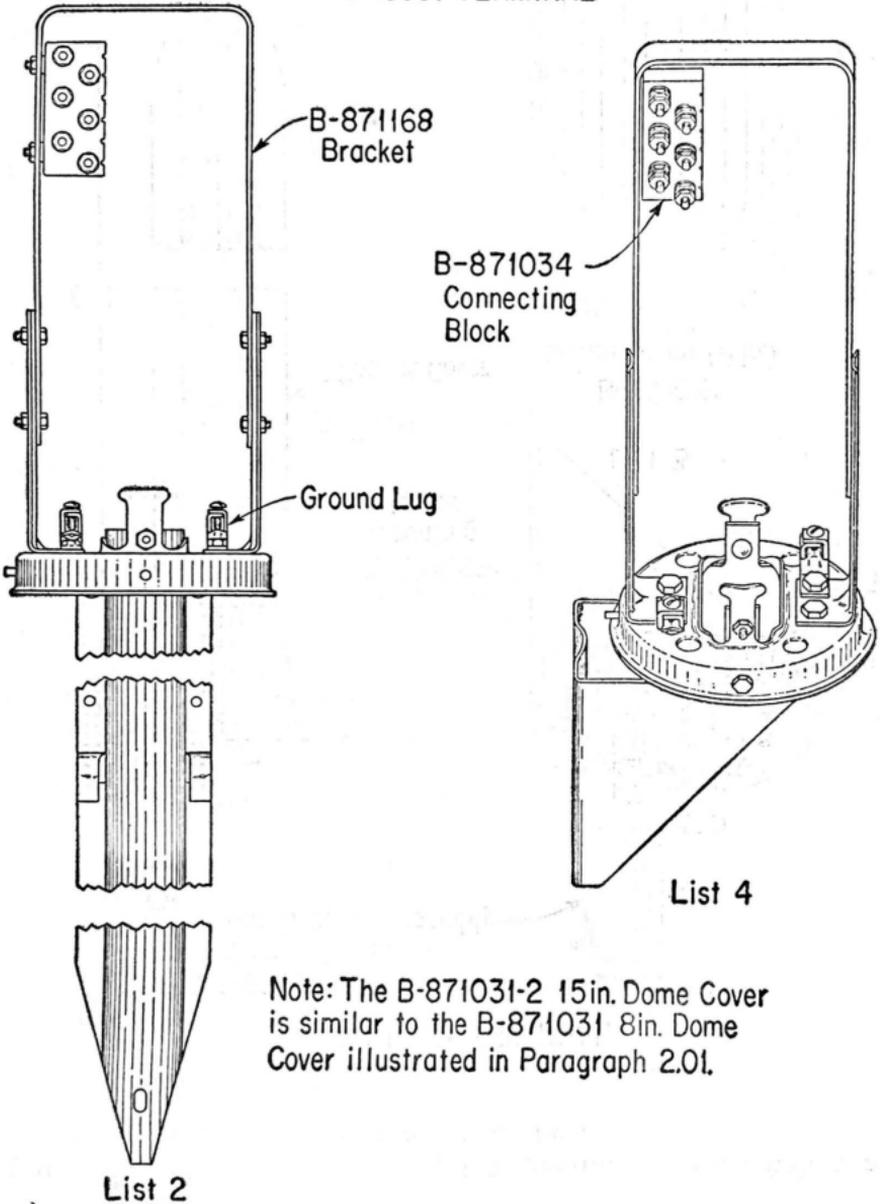
2.01 The KS-16551, List 1 and 3 terminals shown below are furnished as complete assemblies.

KS-16551 TERMINAL



2.02 The KS-16551, List 2 and 4 terminals shown below are furnished as complete assemblies.

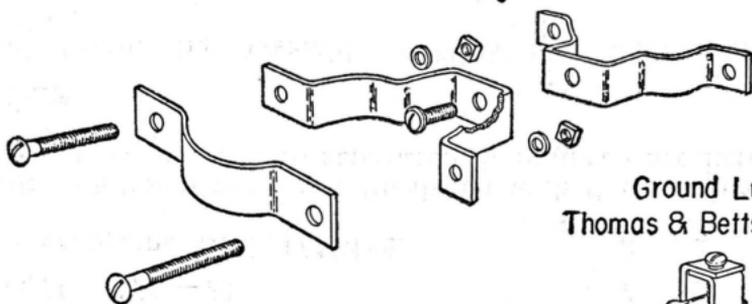
KS-16551 TERMINAL



Note: The B-871031-2 15in. Dome Cover is similar to the B-871031 8in. Dome Cover illustrated in Paragraph 2.01.

2.03 Additional piece parts of the KS-16551 Terminal, not shown in the preceding sketches are illustrated below.

Pole Mounting Bracket
Assembled from two 170-3 Sign Brackets



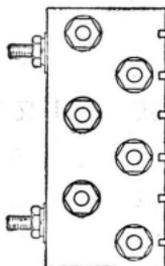
Ground Lug
Thomas & Betts 35401



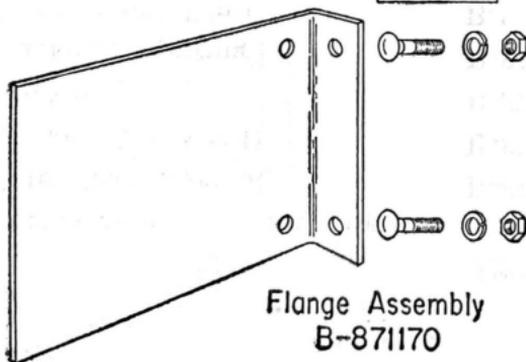
2 Sealing Clamps



B-871034
Connecting Block



Warning Decal



Flange Assembly
B-871170

2.04 The component parts furnished with the terminals are listed below:

<u>Description</u>	<u>Piece Part</u>	<u>Terminal List Numbers</u>			
		<u>List No. 1</u>	<u>List No. 3</u>	<u>List No. 2</u>	<u>List No. 4</u>
Block, Connecting Assembly	B-871034	1	1	1	1
Plate, Base Assembly	B-871030	1	1	1	1
Bracket (List 3 or 4)	B-871099		1		1
Bracket	B-871168			1	1
Bracket, Mounting	B-871029	1	1	2	2
Cover, Dome (8 in.)	B-871031	1	1		
Cover, Dome (15 in.)	B-871031-2			1	1
Cover, Post	B-871023	1		1	
Post	B-871022	1		1	
Lug, Ground Thomas & Betts	35401	2	2	4	4
Parts, Packaged	—	1	1	1	1

Contents of Packaged Parts

Bolts, Carriage 1/4 — 20 x 3/4" Lg.	2	2	2	2
Clamps, Sealing	2	2	2	2
Decal, Warning, UP34	1	1	1	1
Nuts, Hex. 1/4 — 20	2	2	2	2
Washer, Spring, Lock, 1/4 Med.	2	2	2	2

2.05 Optional parts not furnished with the terminals, which must be ordered separately if required are listed below.

Description

- Block, Connecting Assembly, B-871034 (For additional terminations)
- Bracket, Sign, #170-3* (For attaching List 1 and List 2 Terminals to poles)
- Flange Assembly, B-871170 (Stabilizing brackets for Posts on List 1 and List 2 Terminals)

* Stock Item

3. ORDERING INFORMATION

3.01 The terminals shall be ordered as follows:

(Quantity) Terminal, KS-16551 List (1, 2, 3, or 4)

3.02 The six pair block and bracket assembly required to increase the capacity of the KS-16551 List 1 and List 3 Terminals to 12 pair shall be ordered as follows:

(Quantity) B-871058 Connecting Block

3.03 It may be desirable, in some instances, to convert a List 1 or 3 Terminal (8" cover) to a List 2 or 4 Terminal (15" cover). The parts needed for the conversion (including bolts, nuts, etc.) shall be ordered as follows:

(Quantity) B-871031-2 Cover, Dome

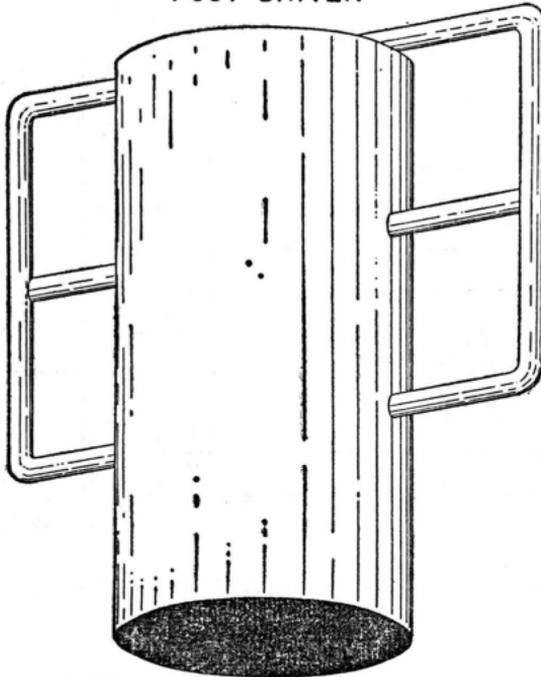
(Quantity) B-871173 Bracket, Assembly

(Quantity) B-871058 Connecting Block

4. TOOLS

4.01 Any commercially available post driver may be used for installing the 6 foot terminal post. The post driver illustrated below is a 3 inch I.D. steel pipe capped at one end. The capped end is babbitt filled to provide weight for driving and to protect the post top. Handles are welded to the top of the driver.

POST DRIVER



5. RELATED PRACTICES

5.01 The following list covers the series of related practices pertaining to the KS-16551 terminals.

<u>Section</u>	<u>Title</u>
G56.650.1	Description
G56.650.2	Placing
G56.650.3	Preparation of Sheath Opening
G56.650.4	Terminating
G56.650.6	Protection
G56.650.7	Splicing
G56.650.8	Loading
G36.130.1	Terminating B and C Underground Wire
G36.130.5	Terminating B Service Wire