

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

SECTION G56.651.1
Issue 1, January, 1960
AT&T Co Standard

B BURIED CABLE TERMINAL

DESCRIPTION

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1. GENERAL

1.01 This section describes the B 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. This terminal replaces the KS-16551 Buried Cable Terminal.

1.02 The B Buried Cable Terminal is available in a 12-pair and a 36-pair size. It can be mounted on a wood post or a wall with the B Cable Terminal Bracket or it can be mounted directly on the B Cable Terminal Post. **Both the B Cable Terminal Bracket and the B Cable Terminal Post must be ordered separately.**

1.03 If the terminal is bracket-mounted a U Guard must be used to protect the exposed cable and service wires. When mounted on a B Cable Terminal Post the cable and wire are concealed inside the post and no additional mechanical protection is required.

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

B BURIED CABLE TERMINAL

Term. Size	Pairs Terminated (max)		Pairs Loaded (max)	Pairs Spliced		Cable Diameter inches Max. O.D.
	Unprotected	Protected		on Binding Posts	using Joints	
12 Pair	12	6	—	11	—	.82**
36 Pair	36	18	1 to 5-137A L.C.C. 6 to 11-171C or * 171D L.C.C.	—	100-19 200-22 300-24 400-26	1.82

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

** Includes cables as large as 25-19, 50-22, 75-24, 100-26

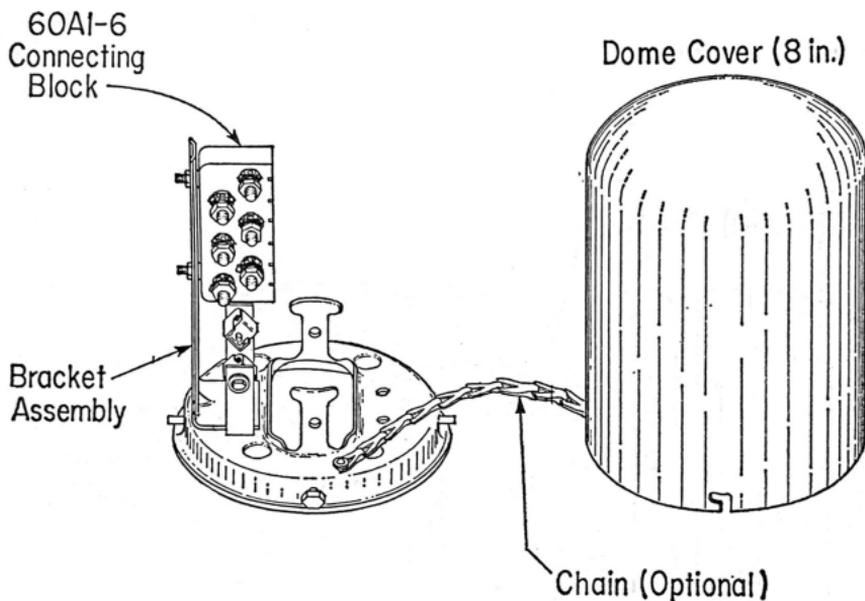
1.05 Each B Buried Cable Terminal is furnished with one six-pair unprotected terminal block.

1.06 All of the parts of the terminal 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 **12-pair B Buried Cable Terminal** is illustrated below.

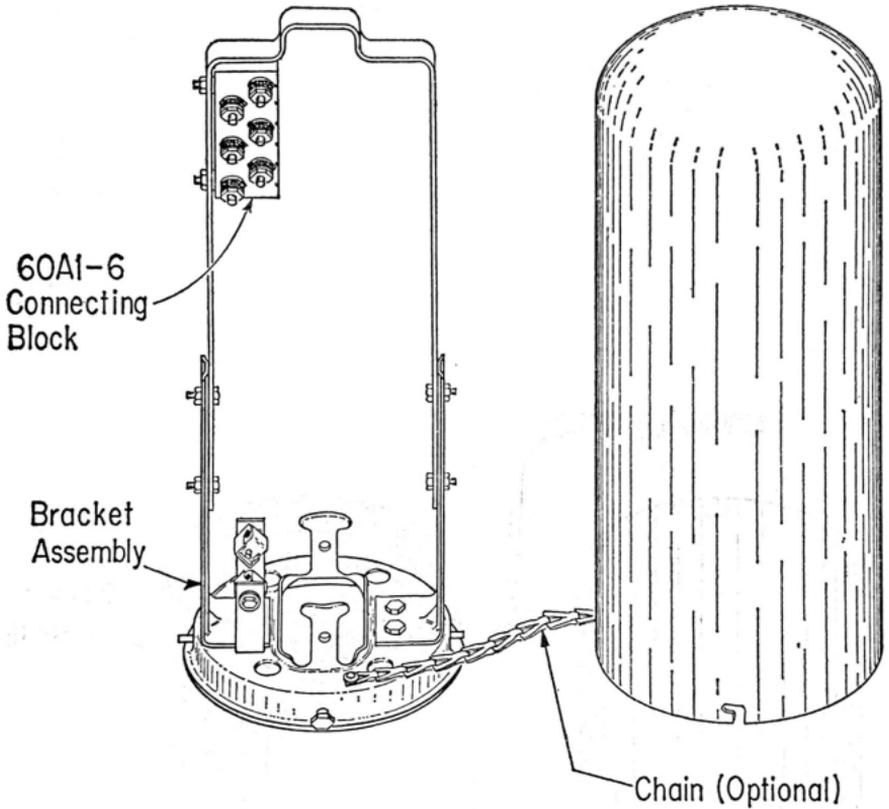
B BURIED CABLE TERMINAL (12 Pairs)



2.02 The **36-pair B Buried Cable Terminal** is illustrated below.

B BURIED CABLE TERMINAL (36 Pairs)

Dome Cover (15 in.)



2.03 The component parts furnished with each terminal are listed below.

B Buried Cable Terminal

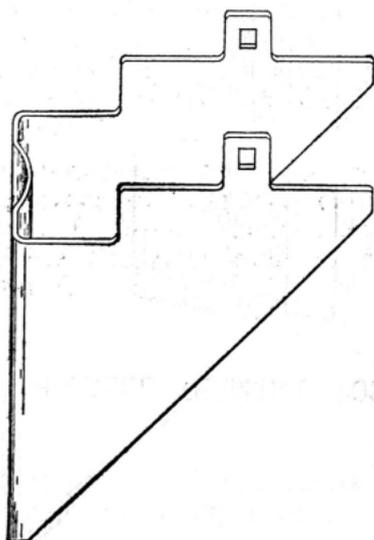
<u>Part</u>	<u>12 pair</u>	<u>36 pair</u>
Connecting Block	1	1
Baseplate	1	1
Bracket	1	1
U Bracket		1
Dome Cover—8 inch	1	
Dome-Cover—15 inch		1
Packaged Parts	1	1

Contents of Packaged Parts

Carriage Bolts 1/4-20 x 3/4" lg.	2
Sealing Clamps	2
Warning Decal	1
Hex Nut 1/4-20	2
Lock Washer 1/4	2

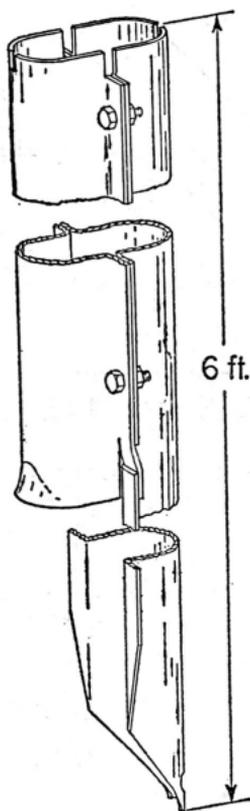
2.04 The B Cable Terminal Bracket is used for mounting the B Buried Cable Terminal on a wood post or wall.

B CABLE TERMINAL BRACKET



- 2.05 The B Cable Terminal Post is used for mounting a B Buried Cable Terminal directly in the ground.

B CABLE TERMINAL POST



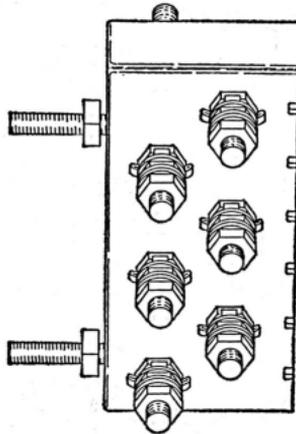
3. ORDERING INFORMATION

- 3.01 **Terminals**—Orders should be worded as follows:
Quantity) Terminals, Cable, Buried, B (12 or 36) pair.
- 3.02 **Mounting Assemblies**—In addition, the B Cable Terminal Post and the B Cable Terminal Bracket should be ordered separately as follows:
(Quantity) Bracket, Terminal, Cable, B.
(Quantity) Post, Terminal, Cable, B.

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

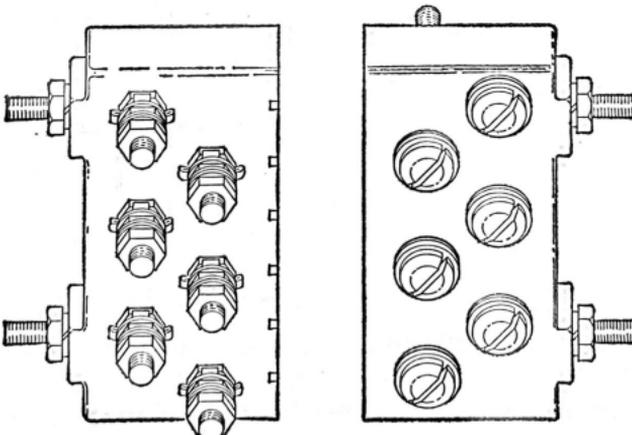
Block, Connecting, 60A1-6 (for six additional unprotected terminations).

**6 PAIR CONNECTING BLOCK
(Unprotected)**



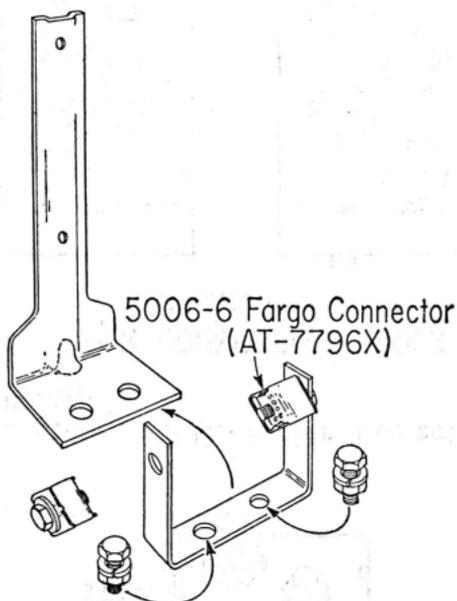
Block, Connecting, 60A1E-3 (for protected terminations for three pairs).

**3 PAIR CONNECTING BLOCK
(Protected)**



Bracket Assembly, (for mounting a second block in the 12-pair terminal) or for installations in the 36-pair terminal requiring an additional ground assembly.

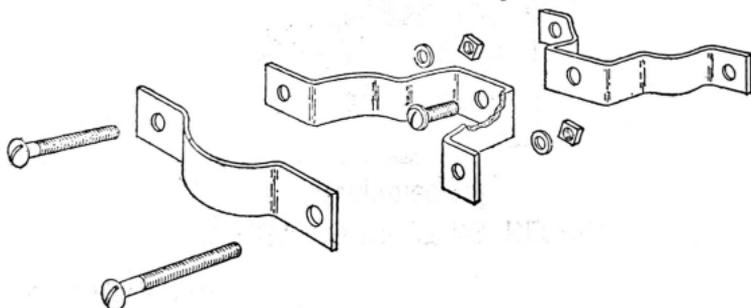
Bracket Assembly



Bracket, Sign No. 170-3 (for attaching post and cover to poles).

Pole Mounting Bracket

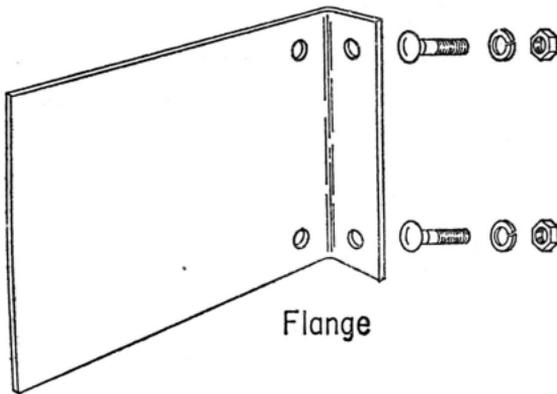
Assembled from two 170-3 Sign Brackets



Chain, (12 inch—for 12-pair terminal).

Chain, (20 inch—for 36-pair terminal).

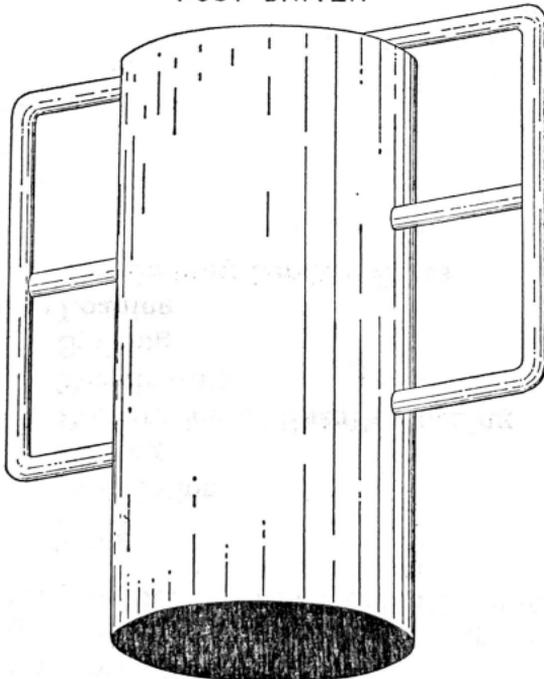
Flange, (Stabilizer for post and cover).



4. TOOLS

4.01 Any commercially available post driver may be used for installing the 6-foot B Cable 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 B Buried Cable Terminal.

<u>Section</u>	<u>Title</u>
G56.651.1	Description
G56.651.2	Placing
G56.651.3	Preparation of Sheath Opening
G56.651.4	Terminating
G56.651.5	Splicing
G56.651.6	Loading
G36.130.5	Terminating Service Wires