TERMINALS

DESCRIPTION AND INSTALLATION OF

53-TYPE CABLE TERMINALS

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1. GENERAL

1.01 This section covers the description and installation of the 53-type cable terminal. The 53A3-50 cable terminal is intended for use as an unprotected distribution terminal at locations where there is a heavy concentration of drop or block wires.

1.02 This section is reissued to include reference to the 53A3-50P cable terminal. The 53A3-50 cable terminal is rated "A&M" and is available for use with lead sheathed cable.

2. DESCRIPTION

2.01 The 53A3-50P cable terminal (Fig. 1) is provided with a 2C1-50P terminal block with an alpeth sheathed stub cable (Table A) mounted in a weather-proof galvanized sheet metal box.

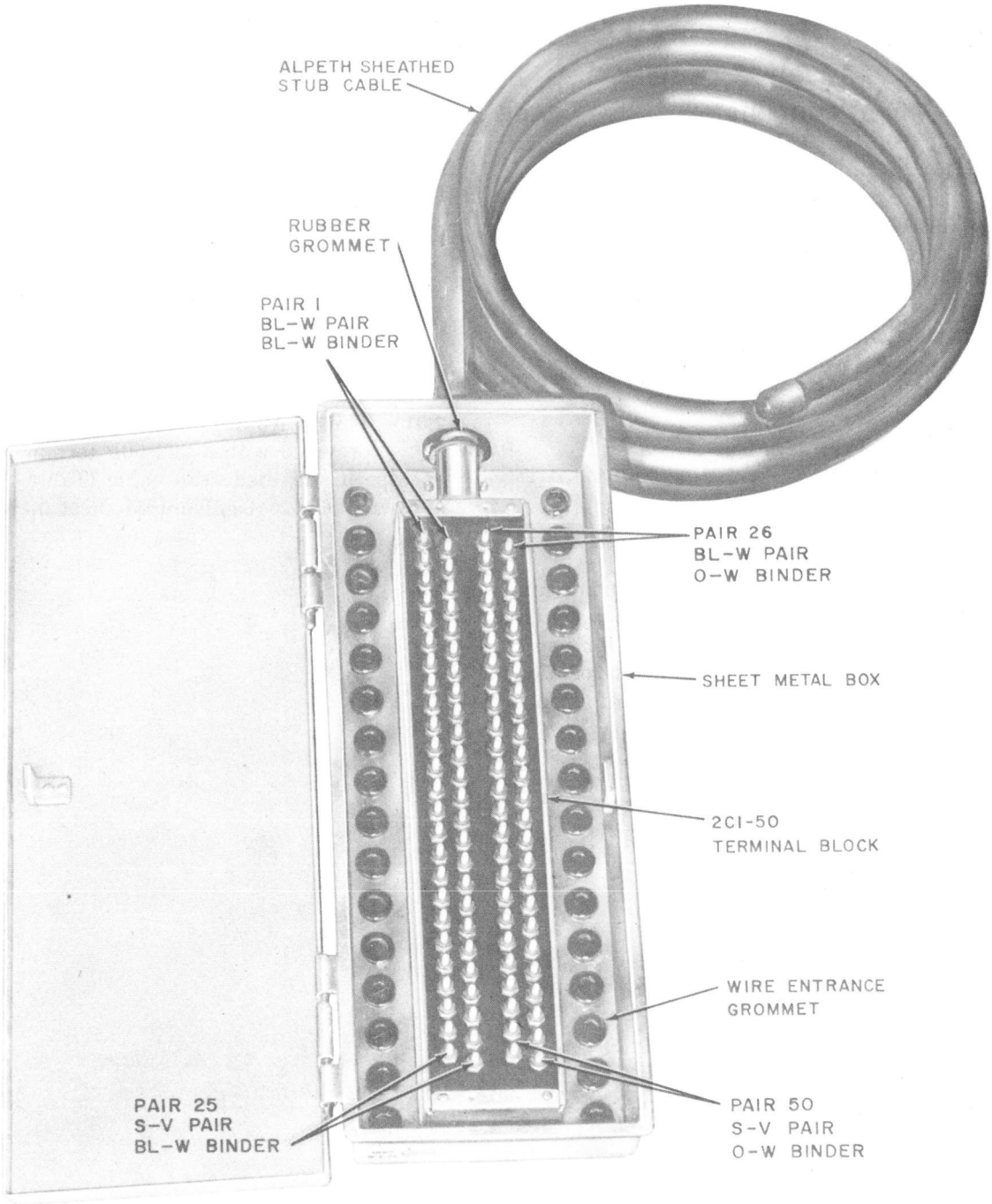

Fig. 1—53A3-50P Cable Terminal

2.02 The 53A3-50 cable terminal is identical to the 53A3-50P except that it includes a 2C1-50 terminal block with a lead sheathed stub cable (Table A). Earlier 53A3-50 cable terminals were not provided with staggered tip and ring binding post.

2.03 The 2C1-50P terminal block consists of a sheet metal chamber having an insulating panel equipped with binding posts and associated nuts and washers, and a 6-foot long gastight stub cable. The stub cable is a 50-pair fully color coded PVC insulated conductor stub having an alpeth sheath and a gastight plug. The 2C1-50P terminal block may also be obtained with a 12-foot or 25-foot stub cable when specified on the order.

TABLE A

53-TYPE CABLE TERMINALS

CABLE TERMINAL CODE	STUB CABLE DATA		RATING	FIGURE
	SHEATH	LENGTH (NOTE)		
53A3-50P	Alpeth	6-feet	Std	1
53A3-50	Lead	6-feet	A&M	—
53A2-51	Lead		MD	6

Note: Stub cable is available in 12- or 25-foot lengths if specified on order.

2.04 The sheet metal box (Fig. 2) consists of a hinged door which may be locked in the open or closed position, 32 grommets for entrance of wires, and a mounting bracket for pole or wall mounting.

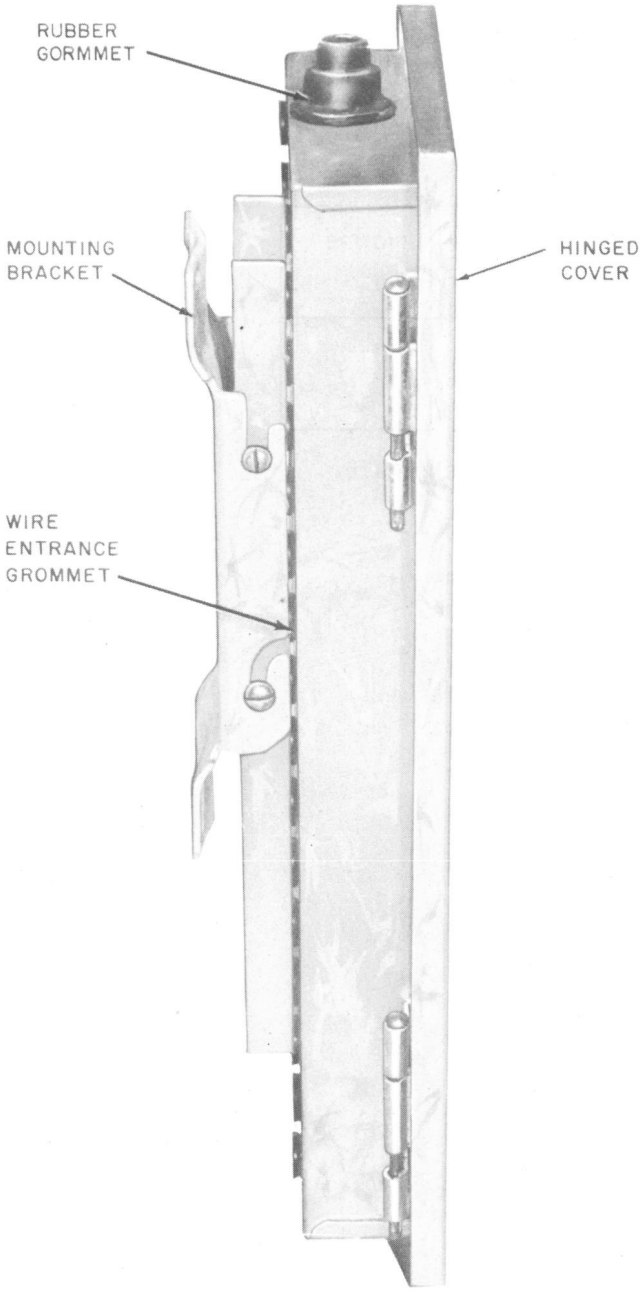

Fig. 2—Sheet Metal Box

2.05 The front of the box is flanged to prevent the entrance of moisture and the door is furnished with a gravity-type locking catch which must be raised on the hinges to open or close.

3. LOCATION

3.01 Locate the 53A3-50P cable terminal ***vertically*** on poles and walls in the same manner as the N-type cable terminal covered in Sections 631-210-202 and 631-210-203, respectively.

4. INSTALLATION

4.01 Attach the mounting bracket furnished with the 53A3-50P cable terminal to a pole as shown in Fig. 3.

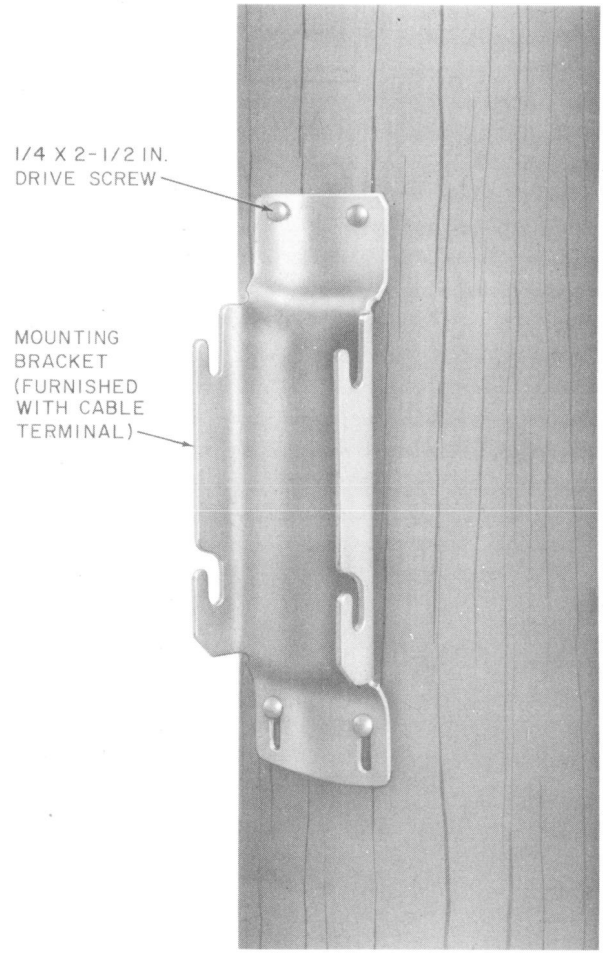

Fig. 3—Mounting Bracket Attached to Pole

4.02 Use Table B as a guide for selecting anchoring devices and attach the mounting bracket to a wall as shown in Fig. 4.

TABLE B

GUIDE FOR SELECTING ANCHORING DEVICES

SURFACE	ANCHORING DEVICE	QTY
Masonry	1/4- by 1-1/4 Inch Hammer Drive Anchor	4
Hollow Tile	1/4- by 4 Inch Toggle Bolt	4
Wood	No. 14 by 1-1/2 Inch Rh Wood Screw	4

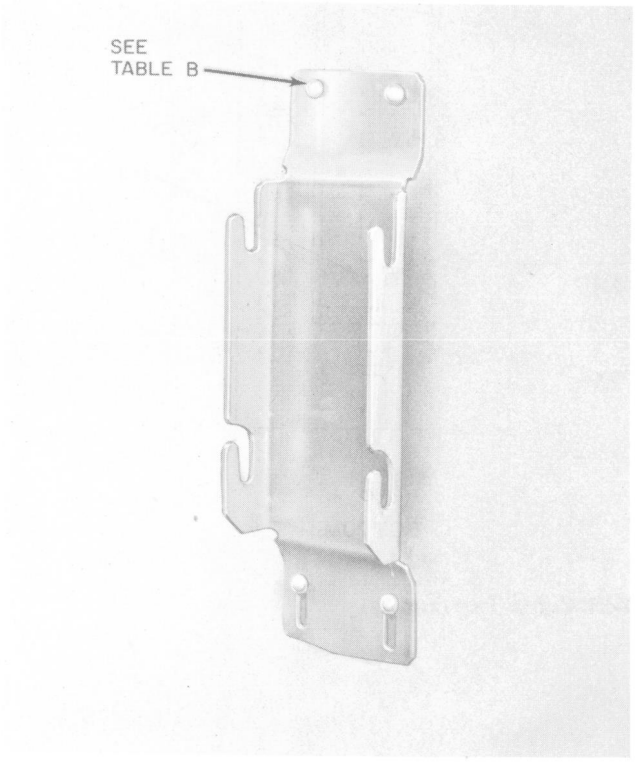

Fig. 4—Mounting Bracket Attached to Wall

4.03 Install the 53A3-50P cable terminal on the mounting bracket as shown in Fig. 5. ***Do not mount the cable terminal with the stub extended through the bottom hole in the housing as this would reverse the color code in the stub.***

4.04 Tighten the weathertight box connector (Fig. 5) firmly to ensure a weathertight seal.

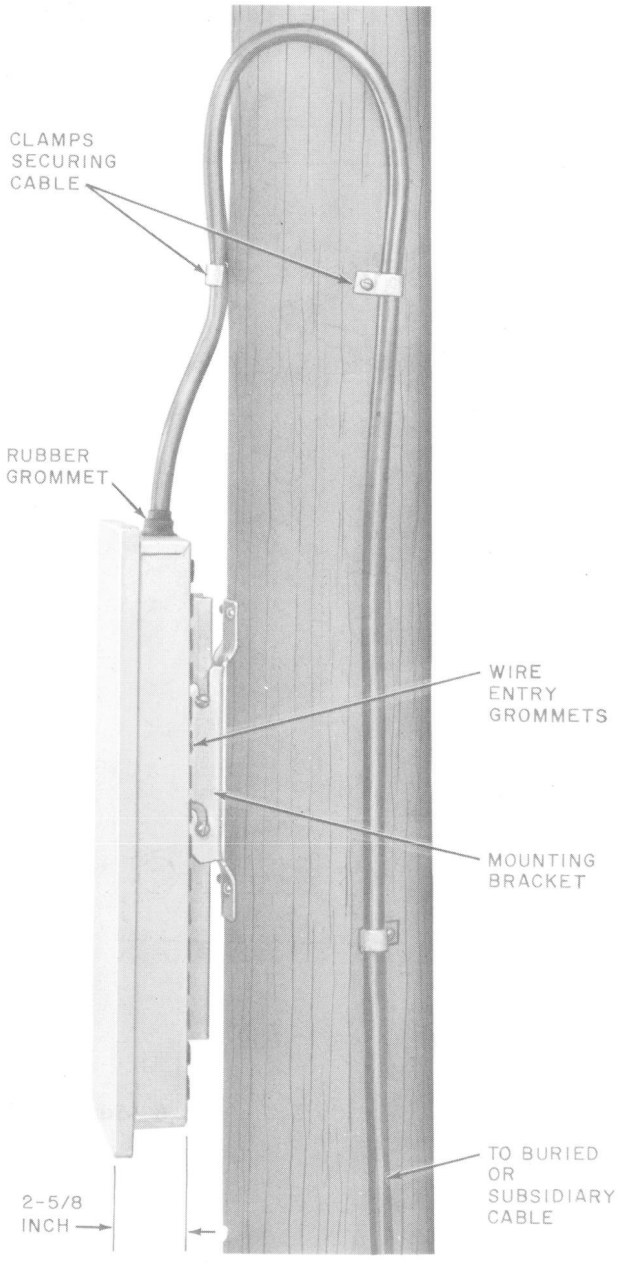

Fig. 5—53A3-50P Cable Terminal Installed on Mounting Bracket

4.05 When the cable splice is below the installed terminal, form the stub down the wall or pole to the splice as shown in Fig. 5.

5. WIRING

5.01 The drop and block wiring of the 53A3-50P cable terminal on poles and walls is similar to that used on the N-type cable terminals described in Section 462-260-201.

6. SUPERSEDED TYPE TERMINALS

6.01 The 53A2-51 cable terminal (MD) is shown in Fig. 6.

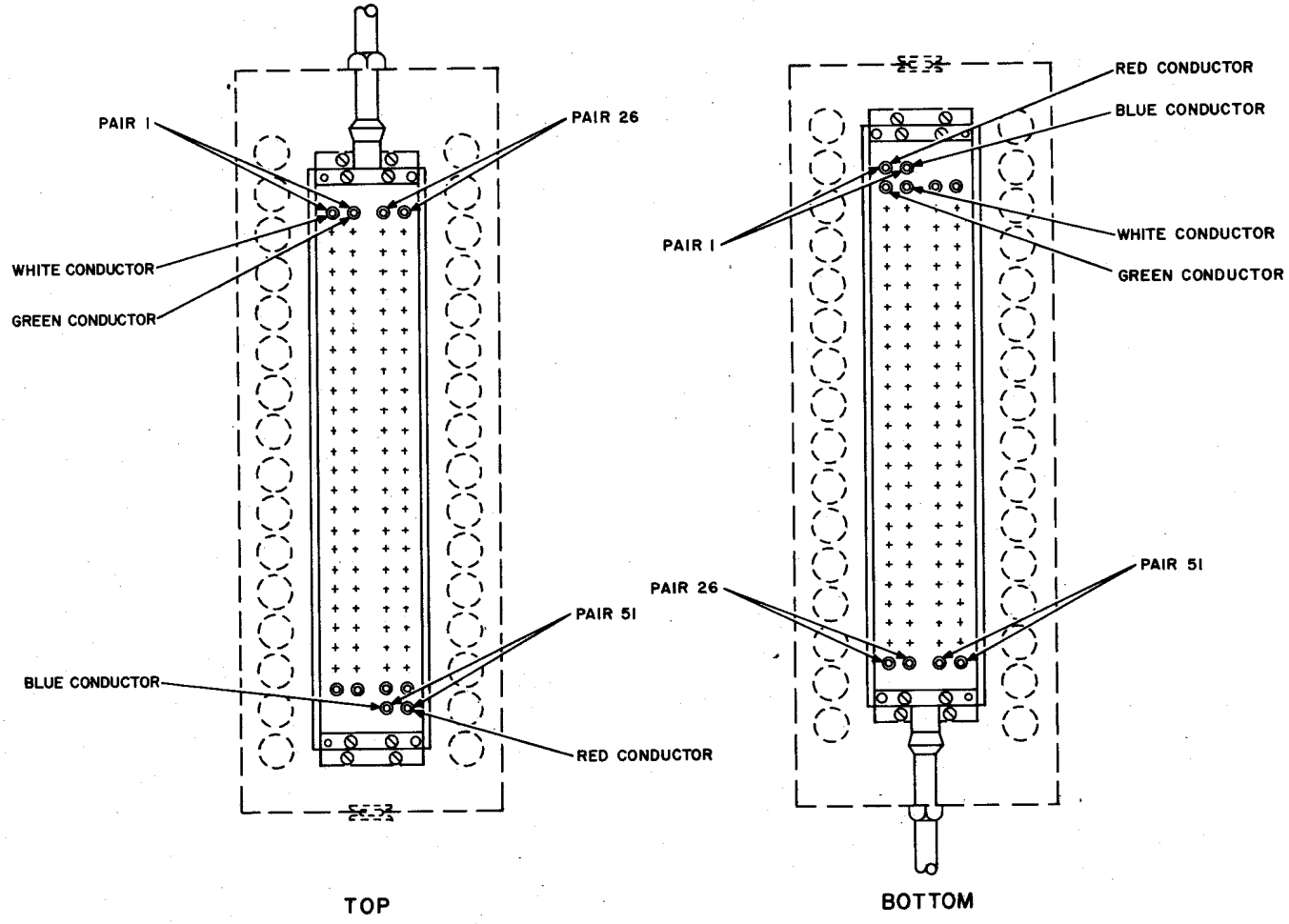

Fig. 6—Superseded 53A2-51 Cable Terminal