

BELL SYSTEM PRACTICES  
Station Installation and Maintenance

SECTION C35.101  
Issue 1, 1-2-35  
AT&T Co. Prov. Std.

## TRANSMITTERS 625-A

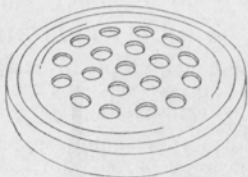
### DESCRIPTION, INSTALLATION AND MAINTENANCE

#### 1. GENERAL

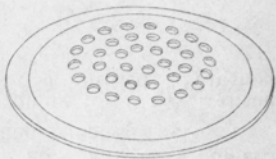
1.01 This section gives general information regarding the 625-A transmitter such as description, installation and maintenance.

#### 2. DESCRIPTION

2.01 The 625-A transmitter unit is a new type consisting of an F1 transmitter unit, a phenol fabric grid and an aluminum transmitter case (adapter) which is similar to the case of the 395 type transmitter unit on which the standard mouthpiece and lock ring are assembled. The transmitter case comes equipped with condenser. Fig. 1 shows the F1 unit, grid and case.



F1 Transmitter Unit



Phenol Fabric Grid  
(P-247808)



Transmitter Case  
(P-247608)

Fig. 1—Parts of 625-A Transmitter

2.02 The piece part numbers of grids for use with colored hand sets are as follows:

Color of Grid	Piece Part Number
Black .....	P-247808
Ivory .....	P-248218
Gray .....	P-248217
Old Brass .....	P-248216
Statuary Bronze .....	P-248215
Oxidized Silver .....	P-248214
Medium Gold .....	P-248211
Dark Gold .....	P-248210

2.03 The 625-A transmitter is designed for use only on hand telephone sets. Handsets in black finish equipped with 625-A transmitters are coded E1E-3. The dash number (-3) in the code should be changed in the usual manner on orders for colored handsets, cords, etc. This does not change the code numbers of complete hand telephone sets.

2.04 As regards transmission zoning for 625-A transmitter see the section in Div. C30 entitled "Transmission Zoning of Subscriber Station Apparatus."

### 3. INSTALLATION

3.01 The 625-A transmitter is assembled as follows:

- (1) Place F1 unit in the transmitter case with the grid side of the unit exposed.
- (2) Place phenol fabric grid over the F1 unit.
- (3) Screw mouthpiece onto the case firmly.
- (4) Screw lock ring onto the case.
- (5) Install assembled unit on the handset in the usual way as covered in the section in Division C30 covering the maintenance of handsets.
- (6) Make tests with the test desk as covered in Division C60.

### 4. MAINTENANCE

- 4.01 The F1 unit in the 625-A transmitter or broken parts may be replaced by disassembling the transmitter.
- 4.02 The parts of the 625-A transmitter may be cleaned by wiping with a moist cloth disassembling the transmitter if necessary.
- 4.03 The contacts on 625-A transmitters are silver plated and shall not be burnished. The tarnish that develops on these contacts is not detrimental.