

## CODED PLUGS—250 THROUGH 299

### DESCRIPTION

#### 1. GENERAL

1.01 This section lists and illustrates coded plugs within the part or type number range of 250 through 299, used for the maintenance and operation of equipment in central offices.

1.02 The information provided in this section was previously shown in Section 032-510-101, Issue 11. In addition, the 274-type plugs are being rated Mfr Disc. The Equipment Test List is not affected.

#### 2. DESCRIPTION OF PLUGS

2.01 **250A:** The 250A plug (A&M Only) (Fig. 1) is a dummy plug used as part of the 3B transmission measuring set to open jack circuits during certain tests. The 250A plug is used with the 246- or similar-type jacks.

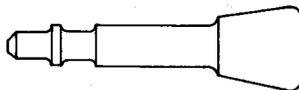


Fig. 1—250A Plug

2.02 **251B, C, D, and E:** The 251-type plugs are used as a test connector for engaging the block ends of the tip and ring protector block springs on main frame protectors.

(a) **251B:** The 251B plug (Fig. 2) is used with all protectors except the 121-type on the Main Distribution Frame (MDF) in the tip of a bad pair.

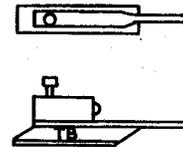


Fig. 2—251B Plug

(b) **251C:** The 251C plug (Fig. 3) is used with all protectors except the 121-type on the MDF in the tip of a good pair.

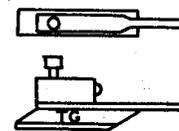


Fig. 3—251C Plug

(c) **251D:** The 251D plug (Fig. 4) is used with all protectors except the 121-type on the MDF in the ring of a bad pair.

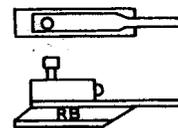


Fig. 4—251D Plug

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(d) **251E:** The 251E plug (Fig. 5) is used with all protectors except the 121-type on the MDF in the ring of a good pair.

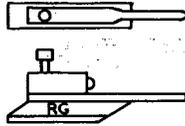


Fig. 5—251E Plug

**2.03 252A and B:** The 252A and B plugs are used with W4N and W4P cords as test plugs in connection with the protectors on MDF of manual and dial offices.

(a) **252A:** The 252A plug (Fig. 6) is used with all protectors except the 121-type on the MDF.

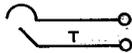


Fig. 6—252A Plug

(b) **252B:** The 252B plug (Fig. 7) is used with all protectors except the 121-type on the MDF.

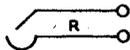


Fig. 7—252B Plug

**2.04 257A and B:** The 257A and B are used as test plugs with the 141 jacks. A white line is located on the shell to indicate the uppermost side of the plug when making tests.

(a) **257A:** The 257A plug (Fig. 8) is used in connection with the jacks having tip springs to the right.

(b) **257B:** The 257B plug (Fig. 9) is used in con-

nection with the jacks having tip springs to the left.

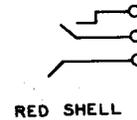


Fig. 8—257A Plug

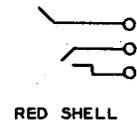
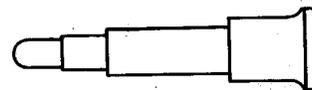


Fig. 9—257B Plug

**2.05 258C, E, F, and G:** The 258-type plugs (Fig. 10) are dummy plugs of insulating material and are used with jacks that take the 310- or similar-type plugs.



PHENOL PLASTIC  
 258C — BLACK  
 258E — WHITE  
 258F — BRIGHT RED  
 258G — BRIGHT GREEN

Fig. 10—258-Type Plug

(a) **258C:** The 258C plug replaces the 258B plug.

(b) **258E:** The 258E plug replaces the D-157182 plug and is used with the 49- or similar-type jacks.

**2.06 261A:** The 261A (Fig. 11) is a dummy plug of insulating material that is used with jacks that take 310- or similar-type plugs.

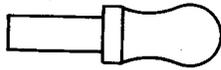


Fig. 11—261A Plug

**2.07 262B, C, D, and E:** The 262-type plugs (Fig. 12) have three-conductors and are equipped with long shells which cover the cord end of the plug body to provide additional insulation. The 262-type plugs are not used for cord connections, but are used only in bridging a resistance across the tip and ring of the toll line circuit.

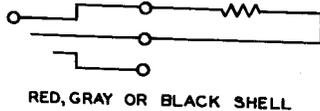


Fig. 12—262-Type Plug

- (a) **262B:** The 262B plug has a 600-ohm resistor which connects across the tip and ring, inside the shell. This plug replaces the 262A plug.
- (b) **262C:** The 262C plug has a 900-ohm resistor which connects across the tip and ring.
- (c) **262D:** The 262D plug has a 2500-ohm resistor which connects across the tip and sleeve.
- (d) **262E:** The 262E plug has a 600-ohm resistor and is intended for sleeve connection only.

**2.08 263A:** The 263A plug (Fig. 13) is used with a 240A jack in a holding time recorder.

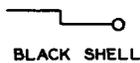


Fig. 13—263A Plug

**2.09 274-49, -50, and -54:** The 274-type plugs are rated Mfr Disc. and are replaced by the 504A-type plugs.

**2.10 277B, C, and D:** The 277-type plugs (Fig. 14) are not intended for cord connection. They are furnished with a red shell, but can be obtained with grey or black, when specified. These plugs are used with the 92- or similar-type jacks.

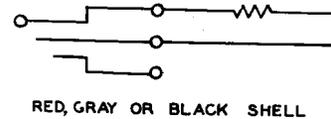


Fig. 14—277-Type Plug

- (a) **277B:** The 277B plug replaces the 277A plug and is equipped with a 600-ohm resistor across the tip and ring.
- (b) **277C:** The 277C plug is equipped with a 900-ohm resistor across the tip and ring.
- (c) **277D:** The 277D plug is equipped with a 600-ohm resistor and is intended for sleeve cord connection only.

**2.11 278A:** The 278A plug (Fig. 15) has a black knurled shell which unscrews to permit making a soldered connection to a cord. The 278A is used with the 399 jack in connection with the No. 5 Toll Test Board.

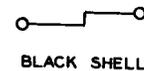
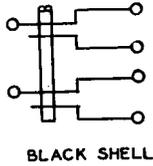


Fig. 15—278A Plug

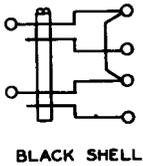
**2.12 288A and B:** The 288A and B are twin, double-conductor plugs. These plugs are used with two 239- or similar type jacks.

(a) **288A:** The 288A plug (Fig. 16) is used on the No. 8 Test and Control Board and No. 16 Toll Test Board.



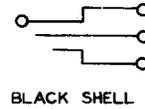
**Fig. 16—288A Plug**

(b) **288B:** The 288B plug (Fig. 17) is used on the No. 16 Toll Test Board.



**Fig. 17—288B Plug**

**2.13 291B:** The 291B plug (Fig. 18) has three-conductors and is used with filament battery supply circuits for telephone repeaters and amplifiers. The 291B plug replaces the 291A plug and is used with the 242CK jack. They are supplied with a black shell, but can be obtained in red, grey, or green, when specified.



**Fig. 18—291B Plug**