

## DROP, BLOCK, AND CROSS-CONNECT WIRING INSULATED WIRE

### 1. GENERAL

**1.001** This addendum supplements Section 462-030-100, Issue 8. Place this pink sheet ahead of Page 1 of the section.

**1.002** This addendum is reissued to change gauge of E block wire as shown in Table A.

**1.003** Issue 1 of this addendum was issued to revise color code of E block wire as shown in Table A.

### 2. CHANGES TO SECTION

#### ISSUE 1 CHANGES

**2.001** On Page 2, Table A was reissued to revise color code of E block wire to show Red, Red, Yellow for Ring and Green, Green, Black for Tip.

#### ISSUE 2 CHANGES

**2.002** On Page 2, Table A is revised to change gauge of E block wire to 20.

**2.003** Revised Table A follows:

TABLE A

SELECTION AND USE OF WIRE FOR DROP AND BLOCK WIRING  
AND FOR CROSS-CONNECTING TERMINALS

| P<br>A<br>R<br>A<br>L<br>L<br>E<br>L | TYPE OF WIRE                         | GAUGE  | NO. OF CONDUCTORS                  | CONDUCTOR AND PAIR IDENTIFICATION                                   |              |              | PRINCIPAL USE   |
|--------------------------------------|--------------------------------------|--------|------------------------------------|---|--------------|--------------|---|
|                                      | F Drop Wire                          | 18-1/2 | 1-Pair                             | Single ridge on vinyl plastic insulation adjacent to one conductor. |              |              |   |
| T<br>W<br>I<br>S<br>T<br>E<br>D      | E Block Wire                         | 20     | 1-Pair                             | PAIR NO.  | RING         | TIP          | Block distribution and in ring wiring on buildings.   |
|                                      |                                      |        | 2-Pair                             | —   | Red          | Green        | Spans between buildings. <sup>2</sup>   |
|                                      |                                      |        |                                    | 1   | Red          | Green        | Bridling between open wire, C rural, or 19-gauge multiple line wire and drop wire when 123A1A protector is used at station. |
|                                      |                                      |        |                                    | 2   | Yellow       | Black        |   |
|                                      | F Cross-Connecting Wire <sup>3</sup> | 24     | 1-Pair                             | —   | Blue-Yellow  | Yellow-Blue  | For cross-connections between incoming cables and station equipment inside buildings and at serving area connectors (SAC).  |
|                                      |                                      |        | 2-Pair                             | 1   | Blue-Red     | Red-Blue     |   |
|                                      |                                      |        | 3-Pair                             | 1   | Orange-Red   | Red-Orange   |   |
|                                      |                                      |        |                                    | 2   | Blue-White   | White-Blue   |   |
|                                      |                                      |        |                                    | 2   | Orange-White | White-Orange |   |
|                                      |                                      |        | Triple <sup>4</sup> (3 Conductors) | 3   | Green-White  | White-Green  |   |
|                                      |                                      |        |                                    |   | 3            | Blue-Black   | Orange-Black  |
|                                      | G Cross-Connecting Wire              | 22     | Single or Pair                     | White conductor and/or Violet conductor                             |              |              | For cross-connections in outdoor terminals, primarily aerial type cross-connecting terminals.                               |

*Note 1:* Due to transmission limitations, F drop wire should not be used for runs exceeding 500 feet in length. In these cases, C rural wire or equivalent should be used between poles and F drop wire from pole to house.

*Note 2:* Not in excess of 35 feet in length supported in drop wire clamps. In spans longer than 35 feet, string drop wire (see Section 462-350-214).

*Note 3:* Color code consists of colored insulation with colored ink dots.

*Note 4:* Triple conductor F cross-connecting wire has green-black insulation on sleeve conductor.

#### NOTICE

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