

## COLOR COMBINATIONS AND USES WIRING AND CABLING GENERAL EQUIPMENT REQUIREMENTS

### 1. GENERAL

1.001 This addendum supplements AT&T Practice 800-612-161, Issue 9.

1.002 This addendum is issued:

- (a) To revise heading of Section 5 to specify shop-run or intra-works run loose wiring.
- (b) To revise paragraphs 5.01 thru 5.03 to specify shop-run or intra-works run loose wiring.
- (c) To add a preferred color list in paragraph 5.03 for No. 26 gauge DP wire.
- (d) To add a conversion color list in paragraph 5.03 for No. 26 gauge DP wire.
- (e) To change reference in paragraph 5.03 from tri-colored BW wire to tri-colored KS-13385 wire for conversion color list of No. 24-, 22-, and 20-gauge DP wire.
- (f) To add Section 8.
- (g) To add paragraph 8.01.

### 2. CHANGES TO SECTION

2.001 On page 24:

Change: 5. COLORS IN SWITCHBOARD WIRE FOR LOOSE WIRING AND LOCAL CABLE PURPOSES

To Read: 5. COLORS IN SWITCHBOARD WIRE FOR SHOP-RUN OR INTRA-WORKS RUN LOOSE WIRING AND LOCAL CABLE PURPOSES (For Installer-Run Loose Wiring - See Section 8)

2.002 On page 24:

Change: 5.01

To Read:

5.01 Wire for shop-run or intra-works run wiring and local cables is colored similar to switchboard cable wire, but the colors are not codified since the colors of the individual wires are given on the wiring diagrams.

Change: 5.02

To Read:

5.02 A few color combinations which do not occur in served wire switchboard cables are used in shop-run or intra-works run wiring and local cables. Examples of such combinations are red paired with red-green, orange paired with orange-white, and black paired with black-white.

Change: 5.03

To Read:

5.03 The following lists cover the available colors for the commonly used types of switchboard wire that are shop-run. Colors should be used in the sequence shown, where possible, without the introduction of excessive "F" stitches.

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2.003 On page 31:

After: TYPE BY — NO. 26 GAUGE

Add:

TYPE DP—NO. 26 GAUGE

Preferred Colors for No. 26 Gauge Wire

The following color list will be used where DP wire will be specified on all new jobs:

See the color list—Preferred Colors for No. 24 Gauge DP wire.

Conversion Colors for No. 26 Gauge Wire

Conversion colors are to be used when existing cables using type BW, BG, or C wire are replaced by type DP wire. Tri-colored wire such as red-blue-white are not convertible to DP wire. When tri-colored wires are necessary, KS-13385 24-gauge wire should be used.

**Singles**

Blue	Blue-Slate
Orange	Orange-White
Green	Orange-Green
Brown	Orange-Brown
Slate	Orange-Slate
White	Green-White
Red	Green-Brown
Black	Green-Slate
Red-White	Brown-Slate
Red-Blue	Brown-White
Red-Orange	Slate-White
Red-Green	Black-White
Red-Slate	Black-Orange
Red-Black	Black-Slate
Red-Brown	Black-Green
Blue-White	Yellow
Blue-Orange	Yellow-Green
Blue-Green	

**Pairs**

Blue & Blue-White	Black & White
Orange & Orange-White	Blue-Orange & Blue-Green
Green & Green-White	
Brown & Brown-White	Red-Blue & Orange
Slate & Slate-White	Red-Blue & Blue-Slate
Red & Black	Yellow & Yellow-Green

**Triple**

Blue, Blue-White & Red-Blue  
Yellow, Yellow-Green & Red-Green

**Quadded Wire (multiple twin)**

Blue, Orange & Green, Brown  
White, Black & Red, Green  
Red-White, Red-Blue & Red-Orange, Red-Green  
Black-White, Black-Orange & Black-Green, Black-Slate  
Blue, Blue-White & Orange, Orange-White

2.004 On page 31:

Under: Conversion Colors for No. 24 Gauge DP Wire

Change: The last sentence

To Read:

Tri-colored wire such as red-blue-white is not convertible to DP wire. When tri-colored wires are necessary, KS-13385 wire should be used.

2.005 On page 32:

Under: Conversion Colors for No. 22 Gauge DP Wire

Change: The last sentence

To Read:

Tri-colored wire such as red-blue-white is not convertible to DP wire. When tri-colored wires are necessary, KS-13385 wire should be used.

2.006 On page 32:

Under: Conversion Colors for No. 20 Gauge DP Wire

Change: The last sentence

To Read:

Tri-colored wire such as red-blue-white is not convertible to DP wire. When tri-colored wires are necessary, KS-13385 wire should be used.

2.007 On page 34:

After: 7. COLORS IN DISTRIBUTING FRAME WIRE

Add:

**8. COLORS IN SWITCHBOARD WIRE FOR INSTALLER-RUN LOOSE WIRING PURPOSES**  
(For Shop-Run Loose Wiring - See Section 5)

8.01 The following lists cover the available wire colors which shall be used specifically by the installer for loose wiring purposes.

**TYPE AM — 16 GAUGE**

Single Red-Black  
 Pair Black & Red-Black  
 Triple Yellow, Yellow-Green & Red-Green  
 Quad Yellow, Yellow-Green, Red & Red-Green

**TYPE BH — 20 GAUGE**

Single Red-Black  
 Pair Black & Red-Black  
 Triple Yellow, Yellow-Green & Red-Green  
 Quad Yellow, Yellow-Green, Red & Red-Green

**TYPE BH — 22 GAUGE**

Single Red-Black  
 Pair Black & Red-Black  
 Triple Yellow, Yellow-Green & Red-Green  
 Quad Yellow, Yellow-Green, Red & Red-Green

**TYPE BH — 24 GAUGE**

Single Red-Black  
 Pair Black & Red-Black  
 Triple Yellow, Yellow-Green & Red-Green  
 Quad Yellow, Yellow-Green, Red & Red-Green

**TYPE DP — 24 GAUGE**

Single Red

**TYPE DP — 22 GAUGE**

Single Red-Black  
 Pair Black & Red-Black  
 Triple Yellow, Yellow-Green & Red-Green  
 Quad Blue, Orange, Green & Brown

**TYPE DP — 23 GAUGE**

Single Red-Black  
 Pair Red & Black  
 Triple Yellow, Yellow-Green & Red-Green  
 Quad Blue, Orange, Green & Brown

**TYPE DP — 26 GAUGE**

Single Green