

## 2 CONDUCTOR 16 AWG SOLID TYPE CMP/FPLP



### 1.0 SCOPE:

- 1.1 This cable consists of 2 conductors 16 AWG solid bare copper; color-coded low smoke PVC insulation; overall red low smoke PVC jacket.  
Type CMP/FPLP  
UL Standards 444 & 1424  
NEC Articles 760 & 800  
UL 910 Plenum

### 2.0 CONSTRUCTION:

#### 2.1 CONDUCTOR:

- 2.1.1 Material: Bare Copper
- 2.1.2 Size: 16 AWG
- 2.1.3 Construction: Solid

#### 2.2 INSULATION:

- 2.2.1 Material: Low Smoke PVC
- 2.2.2 Wall Thickness: .014" nom.
- 2.2.3 Color code:
  - 1-Black
  - 2-Red

### 2.3 JACKET:

- 2.3.1 Material: Low smoke PVC
- 2.3.2 Wall Thickness: .010" nom.
- 2.3.3 OD: .170" nom.
- 2.3.4 Color: Red (Federal Standard #21302)
- 2.3.5 Ripcord under jacket
- 2.3.6 Markings: PAIGE #5U1602S3B1 16 AWG 2/C (UL) TYPE CMP/FPLP E191595 RoHS COMPLIANT (Ascending/Descending footage markings)

### 2.4 ELECTRICAL PROPERTIES

- 2.4.1 Temperature: -20°C to 60°C
- 2.4.2 Voltage: 300 Volt
- 2.4.3 Capacitance: 36 pF/ft
- 2.4.4 Impedance: 58 Ohms
- 2.4.5 Velocity of Propagation: 55%
- 2.4.6 DC Resistance: 6.4 Ohms/M' @ 20°C

### 2.5 PUT-UPS:

- 2.5.1 1000' Box
- 2.5.2 Weight: 26 lbs / 1000'

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