

## 4 CONDUCTOR 16 AWG STRANDED TYPE CMP/FPLP



### 1.0 SCOPE:

- 1.1 This cable consists of 4 conductors 16 AWG stranded bare copper; color-coded low smoke PVC insulation; overall white 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: 19 x 29

#### 2.2 INSULATION:

- 2.2.1 Material: Low Smoke PVC
- 2.2.2 Wall Thickness: .010" nom.
- 2.2.3 Color code:
  - 1-Black
  - 2-Red
  - 3-White
  - 4-Green

### 2.3 JACKET:

- 2.3.1 Material: Low Smoke PVC
- 2.3.2 Wall Thickness: .014" nom.
- 2.3.3 OD: .210" nom.
- 2.3.4 Color: Pink
- 2.3.5 Ripcord under jacket
- 2.3.6 Markings: PAIGE 2U1604KR1 16 AWG 4/C (UL) TYPE CMP/FPLP E191596 "RoHS COMPLIANT" ASCENDING / DESCENDING FOOTAGE MARKINGS EVERY TWO FEET

### 2.4 ELECTRICAL PROPERTIES

- 2.4.1 Temperature: -20°C to 75°C
- 2.4.2 Voltage: 300 Volt
- 2.4.3 Capacitance: 27.8 pF/ft nom @ 1 MHz
- 2.4.4 Impedance: 66 Ohms
- 2.4.5 Velocity of Propagation: 55%
- 2.4.6 DC Resistance: 4.35 Ohms/M' @ 20°C

### 2.5 PUT-UPS:

- 2.5.1 1000' Reel
- 2.5.2 Weight: 46 lbs / 1000'

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