

## 2 CONDUCTOR 16 AWG STRANDED OVERALL SHIELDED

## LOW SMOKE ZERO HALOGEN



### 1.0 SCOPE:

- 1.1 This cable consists of 2 conductors 16 AWG stranded bare copper; color-coded Polyethylene insulation; overall aluminum mylar shield with drain wire; overall low smoke zero halogen Polyolefin jacket.

RoHS II & REACH Compliant

For communication cable applications

### 2.0 CONSTRUCTION:

#### 2.1 CONDUCTOR:

- 2.1.1 Material: Bare Copper
- 2.1.2 Size: 16 AWG
- 2.1.3 Construction: 19 Strand

#### 2.2 INSULATION:

- 2.2.1 Material: Polyethylene
- 2.2.2 Wall Thickness: .008"
- 2.2.3 Color code:
  - 1-Black
  - 2-Red

#### 2.3 ASSEMBLY:

- 2.3.1 Lay Length: 2.00" LHL  
(6.0 tw/ft)

#### 2.4 SHIELD:

- 2.4.1 Material: Aluminum Mylar
- 2.4.2 Coverage: 100%

### 2.5 DRAIN:

- 2.5.1 Material: Tinned Copper
- 2.5.2 Size: 24 AWG
- 2.5.3 Construction: 7 Strand

### 2.6 JACKET:

- 2.6.1 Material: Low Smoke Zero Halogen Polyolefin
- 2.6.2 Wall Thickness: .016"
- 2.6.3 OD: .182" nom.
- 2.6.4 Color: Gray
- 2.6.5 Ripcord under jacket
- 2.6.6 Markings: PAIGE #454200FE 16AWG 2C SHLD 75C 300V LSZH ROHS II COMPLIANT MADE IN USA  
(Ascending/Descending footage markings)

### 2.7 ELECTRICAL PROPERTIES:

- 2.7.1 DC Resistance: 4.15 ohms/M ft.  
@ 20°C
- 2.7.2 Voltage: 300 Volts max.
- 2.7.3 Capacitance: 43 pF/ft.
- 2.7.4 Impedance: 36 ohms

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