

(same as 740045A)

## 2 CONDUCTOR 18 AWG STRANDED OVERALL SHIELDED TYPE CMP/FPLP



### 1.0 SCOPE:

- 1.1 This cable consists of 2 conductors 18 AWG stranded bare copper; color coded low smoke PVC insulation; overall aluminum polyester shield with drain wire; overall orange 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: 18 AWG
- 2.1.3 Construction: 16 x 30

#### 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

#### 2.3 SHIELD:

- 2.3.1 Material: Aluminum Polyester
- 2.3.2 Coverage: 100%

### 2.4 DRAIN:

- 2.4.1 Material: Tinned Copper
- 2.4.2 Size: 22 AWG
- 2.4.3 Construction: 7 x 30

### 2.5 JACKET:

- 2.5.1 Material: Low Smoke PVC
- 2.5.2 Wall Thickness: .020" nom.
- 2.5.3 OD: .175" nom.
- 2.5.4 Color: Orange
- 2.5.5 Ripcord under jacket
- 2.5.6 Markings: PAIGE LoVo #740045 or #740045A 18 AWG 2/C OAS (UL) TYPE CMP/FPLP E191597

### 2.6 ELECTRICAL PROPERTIES

- 2.6.1 Temperature: -20°C to 60°C
- 2.6.2 Voltage: 300 Volt
- 2.6.3 Capacitance: 48 pF/ft nom @ 1 MHz
- 2.6.4 Impedance: 39 Ohms
- 2.6.5 Velocity of Propagation: N/R
- 2.6.6 DC Resistance: 6.5 Ohms/M' @ 20°C

### 2.7 PUT-UPS:

- 2.7.1 1000' Box
- 2.7.2 Weight: 22 lbs / 1000'
- 2.7.3 Dimensions: 13" x 13" x 8"

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