

(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 insulated with FPR, shielded with a Drain wire. Tubed jacket over Twisted, shielded insulated Conductors. To complete construction, an overall orange FPR jacket is applied. Type CMP/FPLP. 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: Stranded 7 x 28
- 2.1.4 Lay Length: 2.5" nom.

2.2 INSULATION:

- 2.2.1 Material: FPR
- 2.2.2 Wall Thickness: .008" nom.
- 2.2.3 OD: .065" nom.
- 2.2.4 Color code: Black, Red

2.3 SHIELD:

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

2.4 DRAIN:

- 2.4.1 Material: Tinned Copper
- 2.4.2 Size: 22 AWG
- 2.4.3 Construction: Solid

2.5 JACKET:

- 2.5.1 Material: FPR
- 2.5.2 Wall Thickness: .020" nom.
- 2.5.3 OD: .175" nom.
- 2.5.4 Color: Orange
- 2.5.5 Markings: PAIGE ELECTRIC #740045
OR #740045A 18 AWG 2/C
(UL) TYPE CMP/FPLP E191597-G

2.6 PUT-UPS:

- 2.6.1 1000' Box
- 2.6.2 Weight: 22 lbs / 1000'
- 2.6.3 Dimensions: 13"x13"x8"

2.7 ELECTRICAL PROPERTIES

- 2.7.1 Temperature: -20°C to 75°C
- 2.7.2 Voltage: 300 Volt
- 2.7.3 Capacitance: 50 pF/ft nom @ 1 MHz
- 2.7.4 Impedance: 37 Ohms
- 2.7.5 DC Resistance: 5.23 Ohms/M' @ 20°C