

JUL. 12. 2005 9:40AM

PAIGE ELECTRIC

NO. 4208 P. 3



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(same as 740044A)

## 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 mylar shield, overall green 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: 7 x 26

**2.2 INSULATION:**

- 2.2.1 Material: Low Smoke PVC  
2.2.2 Wall Thickness: .008" nom.  
2.2.3 Color code:  
1-Black  
2-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: Low Smoke PVC  
2.5.2 Wall Thickness: .020" nom.  
2.5.3 OD: .175" nom.  
2.5.4 Color: Green  
2.5.5 Ripcord under jacket  
2.5.6 Markings: PAIGE LoVo #740044  
OR #740044A 18 AWG 2/C OAS  
(UL) TYPE CMP/FPLP Exxxxx

**2.6 ELECTRICAL PROPERTIES**

- 2.6.1 Temperature: -20°C to 75°C  
2.6.2 Voltage: 300 Volt  
2.6.3 Capacitance: 50 pF/ft nom @ 1 MHz  
2.6.4 Impedance: 37 Ohms  
2.6.5 Velocity of Propagation: N/R  
2.6.6 DC Resistance: 5.23 Ohms/M' @ 20°C

**2.7 PUT-UPS:**

- 2.7.1 1000' Reel  
2.7.2 Weight: 22 lbs / 1000'

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Spec740044

Rev 1

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