

JUL. 12. 2005 9:40AM

PAIGE ELECTRIC

NO. 4208 P. 2



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## 6 CONDUCTOR 18 AWG STRANDED OVERALL SHIELDED TYPE CMR/FPLR



### 1.0 SCOPE:

- 1.1** This cable consists of 6 conductors 18 AWG stranded bare copper; color coded PVC insulation; overall aluminum mylar shield with drain wire; overall blue PVC jacket. Type CMR/FPLR  
UL Standards 444 & 1424  
NEC Articles 760 & 800  
UL 1666 Riser

### 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: PVC  
2.2.2 Wall Thickness: .010" nom.  
2.2.3 Color code:  
1-Black  
2-Red  
3-White  
4-Green  
5-Brown  
6-Blue

### 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: 7 x 30

### 2.5 JACKET:

- 2.5.1 Material: PVC  
2.5.2 Wall Thickness: .020" nom.  
2.5.3 OD: .242" nom.  
2.5.4 Color: Blue  
2.5.5 Markings: PAIGE LoVo #740062  
18 AWG 6/C (UL) TYPE CMR/FPLR  
Exxxxx

### 2.6 ELECTRICAL PROPERTIES

- 2.6.1 Temperature: -20°C to 60°C  
2.6.2 Voltage: 300 Volt  
2.6.3 Capacitance: 60 pF/ft nom @ 1 MHz  
2.6.4 Impedance: 34 Ohms  
2.6.5 Velocity of Propagation: N/R  
2.6.6 DC Resistance: 6.5 Ohms/M' @ 20°C

### 2.7 PUT-UPS:

- 2.7.1 500' or 1000' Reel  
2.7.2 Weight: 48 lbs / 1000'

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Spec740062

Rev 1

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TOTAL P. 01