

## 6 CONDUCTOR 22 AWG STRANDED OVERALL SHIELDED TYPE CMP/FPLP 500' Box



### 1.0 SCOPE:

- 1.1 This cable consists of 6 conductors 22 AWG stranded bare copper; color-coded low smoke PVC insulation; overall aluminum polyester shield with drain wire; overall white low smoke PVC jacket.  
Type CMP/FPLP  
UL Standards 444 & 1424  
NEC Articles 760 & 800  
UL 910 Plenum  
CSFM

### 2.0 CONSTRUCTION:

#### 2.1 CONDUCTOR:

- 2.1.1 Material: Bare Copper  
2.1.2 Size: 22 AWG  
2.1.3 Construction: 7 x 30

#### 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, 3-White, 4-Green, 5-Brown, 6-Blue

#### 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: 24 AWG  
2.4.3 Construction: 7 x 32

### 2.5 JACKET:

- 2.5.1 Material: Low Smoke PVC  
2.5.2 Wall Thickness: .014" nom.  
2.5.3 OD: .158" nom.  
2.5.4 Color: White  
2.5.5 Ripcord under jacket  
2.5.6 Markings: PAIGE 2S22062B5 22/6C STR  
OAS CMP (\*\*\*\*) 75° C XXXXXX (\*\*\*) ROHS  
COMPLIANT (\*\*) (\*)

### 2.6 ELECTRICAL PROPERTIES

- 2.6.1 Temperature: -20°C to 75°C  
2.6.2 Voltage: 300 Volt  
2.6.3 Capacitance: 40.4 pF/ft nom @ 1 MHz  
2.6.4 Impedance: 46 Ohms  
2.6.5 Velocity of Propagation: 55%  
2.6.6 DC Resistance: 17.5 Ohms/M' @ 20°C

### 2.7 PUT-UPS:

- 2.7.1 500' Box  
2.7.2 Weight: 24 lbs / 500'

Printing to be permanently identified via inkjet or print wheel print. (Embossed NOT Acceptable).

(\*) Ascending / Descending Footage to Repeat Every 2 Feet.

(\*\*) Manufacturer's lot number (for traceability)

(\*\*\*) Cable Mill Factory Identification

(\*\*\*\*) UL or ETL Listed & CSA Certified

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