

**6 CONDUCTOR 18 AWG STRANDED  
OVERALL SHIELDED  
TYPE CMP/FPLP  
500' Box**



**1.0 SCOPE:**

- 1.1** This cable consists of 6 conductors 18 AWG stranded bare copper; color-coded low smoke PVC insulation; white 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 4-Green  
2-Red 5-Brown  
3-White 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: Low Smoke PVC  
2.5.2 Wall Thickness: .020" nom.  
2.5.3 OD: .240" nom.  
2.5.4 Color: White  
2.5.5 Ripcord under jacket  
2.5.6 Markings: PAIGE 2S18062B5 18/6C 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: 48 pF/ft nom @ 1 MHz  
2.6.4 Impedance: 40 Ohms  
2.6.5 DC Resistance: 6.5 Ohms/M' @ 20°C

**2.7 PUT-UPS:**

- 2.7.1 500' Box  
2.7.2 Weight: 51.85 lbs / 1000'

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 or C(UL)US Listed Acceptable

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