

6 CONDUCTOR 22 AWG STRANDED OVERALL SHIELDED TYPE CMP/FPLP 1000' 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 2S22062B1 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 1000' Box
2.7.2 Weight: 24 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

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