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Paige® spec 2S18042B1

(same as 454644AWH)

4 CONDUCTOR 18 AWG STRANDED OVERALL SHIELDED TYPE CMP/FPLP 1000' Box

1.0 SCOPE:

1.1 This cable consists of 4 conductors 18 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: 18 AWG
- 2.1.3 Construction: 7 x 26

2.2 INSULATION:
- 2.2.1 Material: Low Smoke PVC
- 2.2.2 Wall Thickness: .009" nom.
- 2.2.3 Color code: 1-Black, 2-Red, 3-White, 4-Green

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: .183" nom.
- 2.5.4 Color: White
- 2.5.5 Ripcord under jacket
- 2.5.6 Markings: PAIGE 2S18042B1 18/4C 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: 47.3 pF/ft nom @ 1 MHz
- 2.6.4 Impedance: 39 Ohms
- 2.6.5 DC Resistance: 6.92 Ohms/M' @ 20˚C

2.7 PUT-UPS:
- 2.7.1 1000' Box
- 2.7.2 Weight: 34 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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