

2 CONDUCTOR 18 AWG STRANDED OVERALL SHIELDED TYPE CMR/FPLR



1.0 SCOPE:

- 1.1 This cable consists of 2 conductors 18 AWG stranded bare copper; color-coded PVC insulation; overall aluminum polyester shield with drain wire; overall black PVC jacket.
Type CMR/FPLR
UL Standards 444 & 1424
NEC Articles 760 & 800
UL 1666 Riser
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: PVC
- 2.2.2 Wall Thickness: .015" nom.
- 2.2.3 Color code: 1-Black, 2-Red

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: PVC
- 2.5.2 Wall Thickness: .020"
- 2.5.3 OD: .192" nom.
- 2.5.4 Color: Black
- 2.5.5 Ripcord under jacket
- 2.5.6 Markings: PAIGE 454625ABK E191596
18/2C OAS (UL) TYPE CMR/FPLR "RoHS
COMPLIANT" ASCENDING / DESCENDING
FOOTAGE MARKINGS EVERY TWO FEET

2.6 ELECTRICAL PROPERTIES

- 2.6.1 Temperature: -20°C to 75°C
- 2.6.2 Voltage: 300 Volt
- 2.6.3 Capacitance: 54 pF/ft nom
- 2.6.4 DC Resistance: 6.92 Ohms/M' @ 20°C

2.7 PUT-UPS:

- 2.7.1 500' or 1000' Box
- 2.7.2 Weight: 21 lbs / 1000'
- 2.7.3 Dimensions: 12" x 12" x 8" (1000')

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