



SIMILAR TO BELDEN 4302FE

4 CONDUCTOR 18 AWG STRANDED OVERALL SHIELDED LOW SMOKE ZERO HALOGEN



1.0 SCOPE:

- 1.1 This cable consists of 4 conductors 18 AWG stranded bare copper; color-coded Polyethylene insulation; overall aluminum Mylar shield with drain wire; overall low-smoke zero halogen Polyolefin jacket.

RoHS II & REACH Compliant

For communication cable applications

2.0 CONSTRUCTION:

2.1 CONDUCTOR:

- 2.1.1 Material: Bare Copper
- 2.1.2 Size: 18 AWG
- 2.1.3 Construction: 7 Strand

2.2 INSULATION:

- 2.2.1 Material: Polyethylene
- 2.2.2 Wall Thickness: .008"
- 2.2.3 Color code:
 - 1-Black
 - 2-Red
 - 3-White
 - 4-Green

2.3 LAY LENGTH:

- 2.3.1 2.25" LHL (5.33 Tw/Ft)

2.4 SHIELD:

- 2.4.1 Material: Aluminum Mylar Tape
- 2.4.2 Coverage: 100%

2.5 DRAIN:

- 2.5.1 Material: Tinned Copper
- 2.5.2 Size: 24 AWG
- 2.5.3 Construction: 7 Strand

2.6 JACKET:

- 2.6.1 Material: Low-Smoke Zero Halogen Polyolefin
- 2.6.2 Wall Thickness: .016"
- 2.6.3 OD: .181" nom.
- 2.6.4 Color: Gray
- 2.6.5 Ripcord under jacket
- 2.6.6 Markings: PAIGE #454302FE 18AWG 4C SHLD 75'C 300V LSHZ ROHS II COMPLIANT REACH MADE IN USA (Ascending/Descending footage markings)

2.7 ELECTRICALS:

- 2.7.1 Impedance: 49 ohms +/- 10%
- 2.7.2 Capacitance: 31 pF/ft. +/- 10%
- 2.7.3 DC Resistance: 6.6 ohms/M ft. @ 20°C
- 2.7.4 Voltage: 300V max.

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