

6 CONDUCTOR 18 AWG STRANDED OVERALL SHIELDED

LOW SMOKE ZERO HALOGEN



1.0 SCOPE:

- 1.1 This cable consists of 6 conductors 18 AWG stranded bare copper; color-coded Polyolefin 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: Polyolefin
2.2.2 Wall Thickness: .008"
2.2.3 Color code:
1-Black
2-Red
3-White
4-Green
5-Brown
6-Blue

2.3 ASSEMBLY:

- 2.3.1 Lay Length: 2.75" LHL
(4.36 tw/ft)

2.4 SHIELD:

- 2.4.1 Material: Aluminum Mylar
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: .015"
2.6.3 OD: .215" nom.
2.6.4 Color: Gray
2.6.5 Ripcord under jacket
2.6.6 Markings: PAIGE #454304FE 18AWG 6C SHIELDED 75°C 300V LSZH ROHS II COMPLIANT MADE IN USA (Ascending/Descending footage markings)

2.7 ELECTRICAL PROPERTIES:

- 2.7.1 DC Resistance: 6.49 ohms/M ft. @ 20°C
2.7.2 Capacitance: 39.10 pF/ft. +/- 10%
2.7.3 Impedance: 54.5 ohms +/- 10%
2.7.4 Voltage: 300 Volt max.

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