

2 CONDUCTOR 16 AWG STRANDED UNSHIELDED



LOW SMOKE ZERO HALOGEN

1.0 SCOPE:

- 1.1 This cable consists of 2 conductor 16 AWG stranded tinned copper; Polyethylene insulation; overall Low Smoke Zero Halogen Polyolefin jacket.

RoHS III & REACH Compliant

For communication cable applications

2.0 CONSTRUCTION:

2.1 CONDUCTOR:

- 2.1.1 Material: Tinned Copper
2.1.2 Size: 16 AWG
2.1.3 Construction: 19 Strand

2.2 INSULATION:

- 2.2.1 Material: Polyethylene
2.2.2 Wall Thickness: .018"
2.2.3 Color code:
1-Black
2-White

2.3 ASSEMBLY:

- 2.3.1 Lay Length: 2.00" LHL nom.
(6.00 tw/ft)

2.4 JACKET:

- 2.4.1 Material: Low Smoke Zero Halogen Polyolefin
2.4.2 Wall Thickness: .032"
2.4.3 OD: .252" nom.
2.4.4 Color: Gray
2.4.5 Ripcord under jacket
2.4.6 Markings: PAIGE #458471NH 16AWG 2C 300V LSZH ROHS II COMPLIANT MADE IN USA
(Ascending/Descending footage markings)

2.5 ELECTRICAL PROPERTIES:

- 2.5.1 Capacitance: 16.8 pF/ft +/-10%
2.5.2 Impedance: 91 Ohms +/- 10%
2.5.3 DC Resistance: 4.3 Ohms/M ft @ 20°C
2.5.4 Voltage: 300 Volt max.

2.6 STANDARDS:

- 2.6.1 Cable meets the requirements of IEC 61034-2 for Measuring Smoke Density
2.6.2 Cable meets the requirements of IEC 60754-1 and 60754-2 for Acid Gas Test
2.6.3 Cable meets the requirements of 60332-1-2 for Vertical Flame Propagation Test

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