



SIMILAR TO BELDEN 4301FE
3 CONDUCTOR 18 AWG STRANDED
OVERALL SHIELD
LOW SMOKE ZERO HALOGEN



Type: This cable is composed of 3 conductors 18 AWG stranded bare copper conductor insulated with Polyethylene insulation and cabled with an aluminum mylar tape shield and a stranded tinned copper drain wire. A low-smoke Zero Halogen Polyolefin jacket completes the package. RoHS II Compliant. For communication cable applications.

1.0 SPECIFICATIONS:

1.1 CONDUCTOR:

- 1.1.1 Material: Bare Copper
- 1.1.2 Size: 18 AWG (.82mm²)
- 1.1.3 Stranding: 7 Strand

1.2 INSULATION:

- 1.2.1 Material: Polyethylene
- 1.2.2 Wall Thickness: .010"
- 1.2.3 Color Code: Black, Red, White

1.3 ASSEMBLY:

- 1.3.1 Lay Length: 2.25" LHL
(5.33 tw/ft)

1.4 SHIELD:

- 1.4.1 Material: Aluminum Mylar Tape
- 1.4.2 Coverage: 100%

1.5 DRAIN WIRE:

- 1.5.1 Material: Tinned Copper
- 1.5.2 Size: 24 AWG
- 1.5.3 Stranding: 7 Strand

1.6 JACKET:

- 1.6.1 Material: Low-Smoke Zero Halogen Polyolefin
- 1.6.2 Wall Thickness: .020"
- 1.6.3 O.D.: .183" nom.
- 1.6.4 Ripcord: Yes
- 1.6.5 Surface Print: "PAIGE #454301FE
LSZH 18AWG 3C SHLD 75'C 300V
ROHS II COMPLIANT REACH MADE
IN USA"
(Ascending/Descending Footage
Markers)
- 1.6.6 Color: Gray

1.7 ELECTRICALS:

- 1.7.1 Capacitance: 20.3 pF/m
- 1.7.2 Impedance: 30.9 ohms +/- 15%
- 1.7.3 DC Resistance: 19.2 ohms/km
- 1.7.4 Operating Voltage: 300V max.
- 1.7.5 Conductivity: 100%

Cable meets IEE (BS 7671)

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