Paige® spec 454506FE

SIMILAR TO BELDEN 4506FE

8 CONDUCTOR 22 AWG STRANDED OVERALL SHIELDED LOW SMOKE ZERO HALOGEN

1.0 SCOPE:

1.1 This cable consists of 8 conductors 22 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 application

2.0 CONSTRUCTION:

2.1 CONDUCTOR:
2.1.1 Material: Bare Copper
2.1.2 Size: 22 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   7-Orange
2-Red   8-Yellow
3-White
4-Green
5-Brown
6-Blue

2.3 ASSEMBLY:
2.3.1 Lay Length: 2.25" LHL nom. (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: .182" nom.
2.6.4 Color: Gray
2.6.5 Ripcord under jacket
2.6.6 Markings: PAIGE #454506FE 22AWG 8C SHLD 75'C 300V LSZH RoHS II COMPLIANT REACH MADE IN USA (Ascending/Descending footage markings)

2.7 ELECTRICALS:
2.7.1 Impedance: 66 ohms +/- 10%
2.7.2 Capacitance: 17 pF/ft. +/- 10%
2.7.3 DC Resistance: 16.56 ohms/M ft. @ 20ºC
2.7.4 Voltage: 300 Volt max.