

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.
@ 20°C
- 2.7.4 Voltage: 300 Volt max.

The information and specifications described herein are subject to error or omission and to change without notice.

Paige provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Paige be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Paige has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.