



Technical Specifications

Product Line: 22-8C-PSH

Description

8 conductor 22 AWG stranded, twisted, and shielded cable

NEC type CMP and CEC type CMP FT6. Product manufactured compliant to the requirements of UL444 for installations and applications in accordance with NEC articles 725 and 800.

Conductor

22 AWG

7-strand annealed bare copper conductors

Diameter: 0.029" | 0.73mm

Insulation

Plenum rated polyvinyl chloride

Wall thickness: 0.008" | 0.20mm

Diameter: 0.044" | 1.13mm

Color Code

Black, Red, White, Green, Brown, Blue

Orange, Yellow

Assembly

8 conductors twisted

Lay length: 4.0" | 100mm

3.0 twists per foot | 10.0 twists per meter

Construct

Ripcord under jacket

Shield

100% aluminum/polyester tape foil out

24 AWG 7-strand tinned copper drain

Jacket

Plenum rated polyvinyl chloride

Colors: Natural White

Wall thickness: 0.014" | 0.36mm

Diameter: 0.179" | 4.55mm

Specification Revision Date:

Electrical

DC resistance: 16.4 Ω / 1000' | 53.79 Ω /KM

Mutual capacitance: 39.7 pF/FT | 130.22 pF/M

Impedance: 47 Ω

Velocity of Propagation: 55%

Voltage rating: 300V

Maximum current: 2.0A@25°C

Regulatory

NEC: CMP 75°C

CEC: CMP FT6 60°C

EU RoHS 2002/95/EC Compliant

Packages

Reel: 1000' | 305M

Weight: 14 Lbs/1000' | 21 Kg/KM

Installation

Pull Tension: 45 Lbs | 201 N

Bend radius: 1.79" | 46mm unloaded

Bend radius: 3.58" | 92mm loaded

Plenum cable should be conditioned at room temperature for 24 hours prior to installation and never installed below 32°F | 0°C ambient temperature

Applications

Plenum General purpose security and low voltage power

Plenum Class 2 and 3 power

Performance

N/A

Final Outside Diameter (inches)

0.179

November 25, 2008

