



Technical Specifications

Product Line: 22-10C-PSH

Description

10 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,
Violet, Gray

Assembly

10 conductors twisted

Lay length: 5.0" | 127mm

2.4 twists per foot | 7.9 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: 0.015" | 0.38mm

Diameter: 0.212" | 5.39mm

Specification Revision Date:

Electrical

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

Mutual capacitance: 41.0 pF/FT | 134.48 pF/M

Impedance: Not specified

Velocity of Propagation: 55%

Voltage rating: 300V

Maximum current: 2.0A@25°C

Regulatory

NEC: CMP 60°C

CEC: CMP FT6 60°C

EU RoHS 2002/95/EC Compliant

Packages

Reel: 1000' | 305M

Weight: 42 Lbs/1000' | 63 Kg/KM

Installation

Pull Tension: 52 Lbs | 232 N

Bend radius: 2.12" | 54mm unloaded

Bend radius: 4.24" | 108mm 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

Performance

N/A

Final Outside Diameter (inches)

0.212

April 11, 2009

