



Technical Specifications

Product Line: 14-4C-P

Description

4 conductor 14 AWG stranded, twisted, and unshielded cable

NEC type CL3P and CEC type CMP FT6 for Audio Only

Product manufactured compliant to the requirements of UL13 for installations and applications in accordance with NEC article 725.

Conductor

14 AWG

41-strand annealed bare copper conductors

Diameter: 0.077" | 1.96mm

Insulation

Plenum rated polyvinyl chloride

Wall thickness: 0.011" | 0.28mm

Diameter: 0.099" | 2.51mm

Color Code

Black, Red, White, Green

Assembly

4 conductors twisted

Lay length: 4.0" | 100mm

3.0 twists per foot | 10.0 twists per meter

Construct

Ripcord under jacket

Shield

N/A

Jacket

Plenum rated polyvinyl chloride

Colors: Natural White

Wall thickness: 0.015" | 0.38mm

Diameter: 0.270" | 6.86mm

Specification Revision Date:

Electrical

DC resistance: 2.66 Ω / 1000' | 8.72 Ω /KM

Mutual capacitance: 40.06 pF/FT | 131.40 pF/M

Impedance: 51 Ω

Inductance: 0.15 μ H/FT | 0.49 μ H/M

Velocity of Propagation: 55%

Voltage rating: 300V

Maximum current: 6.4A@25°C

Regulatory

NEC: CL3P 75°C

CEC: CMP FT6 For Audio Only 60°C

EU RoHS 2002/95/EC Compliant

Packages

Reel: 1000' | 305M

Weight: 75 Lbs/1000' | 112 Kg/KM

Installation

Pull Tension: 132 Lbs | 588 N

Bend radius: 2.70" | 69mm unloaded

Bend radius: 5.40" | 138mm 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 commercial speaker audio

Plenum 70V speaker

Plenum Class 2 and 3 power

Performance

Speaker level audio to 80 feet

Final Outside Diameter (inches)

0.270

December 2, 2008

