



Technical Specifications

Product Line: 16-4C-TTP

Description

4 conductor 16 AWG stranded, twisted, and unshielded 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

16 AWG

26-strand annealed bare copper conductors

Diameter: 0.0589" | 1.50mm

Insulation

Plenum rated polyvinyl chloride

Wall thickness: 0.012" | 0.30mm

Diameter: 0.083" | 2.11mm

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, Blue, Black, Green, Gray

Wall thickness: 0.015" | 0.38mm

Diameter: 0.217" | 5.51mm

Specification Revision Date:

Electrical

DC resistance: 4.04 Ω / 1000' | 13.25 Ω /KM

Mutual capacitance: 35.3 pF/FT | 115.78 pF/M

Impedance: 58 Ω

Inductance: 0.15 μ H/FT | 0.49 μ H/M

Velocity of Propagation: 55%

Voltage rating: 300V

Maximum current: 5.0A@25°C

Regulatory

NEC: CMP 60°C

CEC: CMP FT6 60°C

EU RoHS 2002/95/EC Compliant

Packages

Reel: 1000' | 305M

Weight: 52 Lbs/1000' | 78 Kg/KM

Installation

Pull Tension: 84 Lbs | 374 N

Bend radius: 2.17" | 56mm unloaded

Bend radius: 4.34" | 112mm 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 50 feet

Final Outside Diameter (inches)

0.217

December 2, 2008

