

Technical Specifications

Product Line: 14-2C-P

Description

2 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
19-strand annealed bare copper conductors
Diameter: 0.073" | 1.85mm

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: 8A@25°C

Insulation

Plenum rated polyvinyl chloride
Wall thickness: 0.011" | 0.28mm
Diameter: 0.095" | 2.41mm

Regulatory

NEC: CL3P 75°C
CEC: CMP FT6 For Audio Only 60°C
EU RoHS 2002/95/EC Compliant

Color Code

Black, Red

Packages

Reel: 1000' | 305M
Weight: 40 Lbs/1000' | 60 Kg/KM

Assembly

2 conductors twisted
Lay length: 4.0" | 100mm
3.0 twists per foot | 10.0 twists per meter

Installation

Pull Tension: 66 Lbs | 294 N
Bend radius: 2.18" | 56mm unloaded
Bend radius: 4.36" | 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

Construct

Ripcord under jacket

Applications

Plenum commercial speaker audio
Plenum 70V speaker
Plenum Class 2 and 3 power

Shield

N/A

Performance

Speaker level audio to 80 feet

Jacket

Plenum rated polyvinyl chloride
Colors: Natural White, Black, Dark Blue
Wall thickness: 0.015" | 0.38mm
Diameter: 0.218" | 5.53mm

Final Outside Diameter (inches)

0.218

Specification Revision Date:

December 2, 2008