



Technical Specifications

Product Line: 12-4C

Description

4 conductor 12 AWG stranded, twisted, and unshielded cable NEC type CL3R and CEC type CMG FT4 for Audio Only. Product manufactured compliant to the requirements of UL13 for installations and applications in accordance with NEC article 725.

Conductor

12 AWG
19-strand annealed bare copper conductors
Diameter: 0.090" | 2.29mm

Electrical

DC resistance: 1.71 Ω / 1000' | 5.61 Ω /KM
Mutual capacitance: 34.6 pF/FT | 113.49 pF/M
Impedance: 53 Ω
Inductance: 0.15 μ H/FT | 0.49 μ H/M
Velocity of Propagation: 55%
Voltage rating: 300V
Maximum current: 9.6A@25°C

Insulation

Polyvinyl chloride
Wall thickness: 0.010" | 0.25mm
Diameter: 0.110" | 2.79mm

Regulatory

NEC: CL3R 60°C
CEC: CMG FT4 For Audio Only 60°C
EU RoHS-2 2011/65/EU Compliant

Color Code

Black, Red, White, Green

Packages

Reel: 500' | 152M
Weight: 117 Lbs/1000' | 175 Kg/KM

Assembly

4 conductors twisted
Lay length: 3.0" | 80mm
4.0 twists per foot | 12.5 twists per meter

Installation

Pull Tension: 196 Lbs | 872 N
Bend radius: 3.26" | 83mm unloaded
Bend radius: 6.52" | 166mm loaded

Construct

Ripcord under jacket

Applications

Riser commercial and residential speaker level audio
General purpose 70V commercial speaker audio
General purpose Class 2 and 3 power

Shield

N/A

Performance

Speaker level audio to 120 feet

Jacket

Flame rated polyvinyl chloride
Colors: Black, Gray
Wall thickness: 0.028" | 0.71mm
Diameter: 0.326" | 8.28mm

Final Outside Diameter (inches)

0.326

Specification Revision Date:

July 1, 2015

