



Technical Specifications

Product Line: 12-2C

Description

2 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: 0.0925" | 2.35mm

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: 12A@25 °C

Insulation

Semi-rigid polyvinyl chloride
Wall thickness: 0.014" | 0.356mm
Diameter: 0.121" | 3.06mm

Regulatory

NEC: CL3R 75 °C
CEC: CMG FT4 For Audio Only 60 °C
EU RoHS-2 2011/65/EU Compliant

Color Code

Black, Red

Packages

Reel: 1000' | 305M
Weight: 63 Lbs/1000' | 94 Kg/KM

Assembly

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

Installation

Pull Tension: 98 Lbs | 436 N
Bend radius: 2.80" | 72mm unloaded
Bend radius: 5.60" | 144mm loaded

Construct

Ripcord under jacket

Applications

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

Shield

N/A

Performance

Speaker level audio to 120 feet

Jacket

Flame rated polyvinyl chloride
Colors: Gray
Wall thickness: 0.020" | 0.51mm
Diameter: 0.280" | 7.11mm

Final Outside Diameter (inches)

0.280

Specification Revision Date:

October 30, 2006

