



Technical Specifications

Product Line: 12-2C-EX+

Description

2 conductor 12 AWG stranded, twisted, and unshielded cable NEC type CL3 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(s) 725 and 800.

Conductor

12 AWG
105-strand oxygen free copper conductors
Diameter: 0.093" | 2.36mm

Electrical

DC resistance: 1.58 Ω / 1000' | 5.18 Ω /KM
Mutual capacitance: 34.0 pF/FT | 111.52 pF/M
Impedance: 60 Ω
Inductance: 0.17 μ H/FT | 0.55 μ H/M
Velocity of Propagation: 55%
Voltage rating: 300V
Maximum current: 9.6A@25°C

Insulation

Semi-rigid polyvinyl chloride
Wall thickness: 0.016" | 0.42mm
Diameter: 0.126" | 3.2mm

Regulatory

NEC: CL3 75°C
CEC: CMG FT4 For Audio Only 60°C
EU RoHS III 2015/863/EU Compliant
REACH (EC) No 1907/2006 Compliant

Color Code

Black, Red

Packages

Reel: 500' | 152M
Weight: 90 Lbs/1000' | 135 Kg/KM

Assembly

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

Installation

Pull Tension: 106 Lbs | 472 N
Bend radius: 3.27" | 83mm unloaded
Bend radius: 6.54" | 166mm loaded

Construct

100% Paper tape binder
Ripcord under jacket

Applications

General purpose 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

Pressure extruded polyvinyl chloride
Colors: Teal, White
Wall thickness: 0.036" | 0.91mm
Diameter: 0.327" | 8.30mm

Final Outside Diameter (inches)

0.327

Specification Revision Date:

February 7, 2006