



Technical Specifications

Product Line: 12-2C-KO+

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 annealed bare copper conductors
Diameter: 0.093" | 2.36mm

Electrical

DC resistance: 1.59 Ω / 1000' | 5.22 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

Box: 500' | 152M
Weight: 76 Lbs/1000' | 113 Kg/KM

Assembly

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

Installation

Pull Tension: 98 Lbs | 436 N
Bend radius: 3.02" | 77mm unloaded
Bend radius: 6.04" | 154mm loaded

Construct

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

Flame rated polyvinyl chloride
Colors: White
Wall thickness: 0.025" | 0.63mm
Diameter: 0.302" | 7.67mm

Final Outside Diameter (inches)

0.302

Specification Revision Date:

December 6, 2019