



Technical Specifications

Product Line: 10-2C-EX+

Description

2 conductor 10 AWG stranded, twisted, and unshielded cable NEC type CL2 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

10 AWG
105-strand oxygen free copper conductors
Diameter: 0.118" | 3.00mm

Electrical

DC resistance: 1.07 Ω / 1000' | 3.51 Ω /KM
Mutual capacitance: 46.0 pF/FT | 150.9 pF/M
Impedance: 47 Ω
Inductance: 0.15 μ H/FT | 0.49 μ H/M
Velocity of Propagation: 55%
Voltage rating: 150V
Maximum current: 27.8A@25 °C

Insulation

Semi-rigid polyvinyl chloride
Wall thickness: 0.016" | 0.41mm
Diameter: 0.150" | 3.81mm

Regulatory

NEC: CL2 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: 99 Lbs/1000' | 147 Kg/KM

Assembly

2 conductors twisted
Lay length: 4" | 100mm
3 twists per foot | 10.0 twists per meter

Installation

Pull Tension: 250 Lbs | 751 N
Bend radius: 3.85" | 98mm unloaded
Bend radius: 7.70" | 196mm 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 power

Shield

N/A

Performance

Speaker level audio to 200 feet

Jacket

Pressure extruded polyvinyl chloride
Colors: Natural white
Wall thickness: 0.040" | 1.02mm
Diameter: 0.385" | 9.78mm

Final Outside Diameter (inches)

0.385

Specification Revision Date:

March 8, 2011

