



Technical Specifications

Product Line: 12-2C-DB

Description

2 conductor 12 AWG stranded, twisted, and unshielded cable

NEC type CL3, Suitable for Direct Burial and Sunlight Resistant. 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: 1.59 Ω / 1000' | 5.22 Ω /KM

Mutual capacitance: 22.3 pF/FT | 73.14 pF/M

Impedance: 70 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

High density polyethylene

Wall thickness: 0.012" | 0.30mm

Diameter: 0.114" | 2.89mm

Regulatory

NEC: CL3 75 °C

Suitable for direct burial

Sunlight resistant

EU RoHS 2002/95/EC Compliant

Color Code

Black, Red

Packages

Reel: 1000' | 305M

Weight: 77 Lbs/1000' | 115 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: 3.22" | 82mm unloaded

Bend radius: 6.44" | 164mm loaded

Construct

100% Mylar tape binder

Applications

General purpose and outdoor speaker level audio

Outdoor 70V commercial speaker audio

Outdoor rated Class 2 and 3 power

Shield

N/A

Performance

Speaker level audio to 120 feet

Jacket

Polyvinyl chloride

Colors: Black

Wall thickness: 0.045" | 1.14mm

Diameter: 0.322" | 8.12mm

Final Outside Diameter (inches)

0.322

Specification Revision Date:

December 2, 2008

