



Technical Specifications

Product Line: **16-2C-DB**

Description

2 conductor 16 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

16 AWG

19-strand annealed bare copper conductors

Diameter: 0.056" | 1.42mm

Insulation

Polyethylene

Wall thickness: 0.008" | 0.20mm

Diameter: 0.075" | 1.91mm

Color Code

Black, Red

Assembly

2 conductors twisted

Lay length: 4.0" | 100mm

3.0 twists per foot | 10.0 twists per meter

Construct

100% Mylar tape binder

Shield

N/A

Jacket

Polyvinyl chloride

Colors: Black

Wall thickness: 0.045" | 1.14mm

Diameter: 0.240" | 6.10mm

Specification Revision Date:

Electrical

DC resistance: 4.38 Ω / 1000' | 14.36 Ω /KM

Mutual capacitance: 20.4 pF/FT | 66.9 pF/M

Impedance: 76 Ω

Inductance: 0.16 μ H/FT | 0.52 μ H/M

Velocity of Propagation: 66%

Voltage rating: 300V

Maximum current: 6.25A@25° C

Regulatory

NEC: CL3 75° C

Suitable for direct burial

Sunlight resistant

EU RoHS 2002/95/EC Compliant

Packages

Reel: 1000' | 305M

Weight: 42 Lbs/1000' | 63 Kg/KM

Installation

Pull Tension: 39 Lbs | 174 N

Bend radius: 2.40" | 61mm unloaded

Bend radius: 4.80" | 122mm loaded

Applications

General purpose and outdoor speaker level audio

Outdoor 70V commercial speaker audio

Outdoor rated Class 2 and 3 power

Performance

Speaker level audio to 50 feet

Final Outside Diameter (inches)

0.240

December 2, 2008

