



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(s) 725 and 800.

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 III 2015/863/EU Compliant
REACH (EC) No 1907/2006 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 Outside plant speaker level audio
Outside plant 70V commercial speaker audio
Outside plant rated Class 2 and 3 power

Shield

N/A

Performance

Speaker level audio to 120 feet

Jacket

Flame rated 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