



**Technical Specifications**

**Product Line: 16-4C-DB**

**Description**

4 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: 0.058" | 1.47mm

**Electrical**

DC resistance: 4.38  $\Omega$  / 1000' | 14.36  $\Omega$ /KM  
Mutual capacitance: 20.4 pF/FT | 66.9 pF/M  
Impedance: 76  $\Omega$   
Inductance: 0.16 $\mu$ H/FT | 0.52 $\mu$ H/M  
Velocity of Propagation: 66%  
Voltage rating: 300V  
Maximum current: 5.0A@25 °C

**Insulation**

Polyethylene  
Wall thickness: 0.008" | 0.20mm  
Diameter: 0.074" | 1.88mm

**Regulatory**

NEC: CL3 75 °C  
Suitable for direct burial  
Sunlight resistant  
EU RoHS 2002/95/EC Compliant

**Color Code**

Black, Red, White, Green

**Packages**

Reel: 1000' | 305M  
Weight: 61 Lbs/1000' | 91 Kg/KM

**Assembly**

4 conductors twisted  
Lay length: 4.0" | 100mm  
3.0 twists per foot | 10.0 twists per meter

**Installation**

Pull Tension: 78 Lbs | 347 N  
Bend radius: 2.74" | 70mm unloaded  
Bend radius: 5.48" | 140mm 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 50 feet

**Jacket**

Polyvinyl chloride  
Colors: Black  
Wall thickness: 0.045" | 1.14mm  
Diameter: 0.274" | 6.96mm

**Final Outside Diameter (inches)**

0.274

Specification Revision Date:

December 2, 2008

