

## Technical Specifications

Product Line: **14-4C-DB**

### Description

4 conductor 14 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

14 AWG  
 19-strand annealed bare copper conductors  
 Diameter: 0.069" | 1.75mm

### Electrical

DC resistance: 2.76  $\Omega$  / 1000' | 9.05  $\Omega$ /KM  
 Mutual capacitance: 20.0 pF/FT | 65.47 pF/M  
 Impedance: 78  $\Omega$   
 Inductance: 0.16 $\mu$ H/FT | 0.52 $\mu$ H/M  
 Velocity of Propagation: 55%  
 Voltage rating: 300V  
 Maximum current: 6.4A@25°C

### Insulation

Polyethylene  
 Wall thickness: 0.012" | 0.30mm  
 Diameter: 0.093" | 2.35mm

### 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, White, Green

### Packages

Reel: 500' | 152M  
 Weight: 91 Lbs/1000' | 136 Kg/KM

### Assembly

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

### Installation

Pull Tension: 123 Lbs | 548 N  
 Bend radius: 3.15" | 80mm unloaded  
 Bend radius: 6.30" | 160mm 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 80 feet

### Jacket

Flame rated polyvinyl chloride  
 Colors: Black  
 Wall thickness: 0.045" | 1.14mm  
 Diameter: 0.315" | 8.00mm

### Final Outside Diameter (inches)

0.315

Specification Revision Date:

May 21, 2019