



## Technical Specifications

Product Line: **14-4C-EX+**

### Description

4 conductor 14 AWG stranded, twisted, and unshielded cable

NEC type CL3 and CEC type CMG FT4 for Audio Only

Product manufactured compliant to the requirements of UL13 for installations and applications in accordance with NEC article 725.

### Conductor

14 AWG

105-strand oxygen free copper conductors

Diameter: 0.074" | 1.89mm

### Electrical

DC resistance: 2.58  $\Omega$  / 1000' | 8.46  $\Omega$ /KM

Mutual capacitance: 34.0 pF/FT | 111.52 pF/M

Impedance: 65  $\Omega$

Inductance: 0.17 $\mu$ H/FT | 0.55 $\mu$ H/M

Velocity of Propagation: 55%

Voltage rating: 300V

Maximum current: 6.4A@25°C

### Insulation

Semi-rigid polyvinyl chloride

Wall thickness: 0.016" | 0.41mm

Diameter: 0.1063" | 2.7mm

### Regulatory

NEC: CL3 75°C

CEC: CMG FT4 For Audio Only 60°C

EU RoHS 2002/95/EC Compliant

### Color Code

Black, Red, White, Green

### Packages

Reel: 1000' | 305M

Reel: 500' | 152M

Weight: 98 Lbs/1000' | 147 Kg/KM

### Assembly

4 conductors twisted

Lay length: 4.0" | 100mm

3.0 twists per foot | 10.0 twists per meter

### Installation

Pull Tension: 134 Lbs | 597 N

Bend radius: 3.31" | 84mm unloaded

Bend radius: 6.62" | 168mm loaded

### Construct

100% Paper tape binder

Ripcord under jacket

### Applications

General purpose speaker level audio

Non-plenum 70V commercial speaker audio

Non-Plenum Class 2 and 3 power

### Shield

N/A

### Performance

Speaker level audio to 80 feet

### Jacket

Pressure extruded polyvinyl chloride

Colors: Green, Pink, White

Wall thickness: 0.035" | 0.90mm

Diameter: 0.331" | 8.40mm

### Final Outside Diameter (inches)

0.331

Specification Revision Date:

February 7, 2008

