



## Technical Specifications

**Product Line: 16-4C-EX+**

### Description

4 conductor 16 AWG stranded, twisted, and unshielded cable

NEC type CMR and CEC type CMG FT4. Product manufactured compliant to the requirements of UL444 for installations and applications in accordance with NEC articles 725 and 800.

### Conductor

16 AWG

105-strand oxygen free copper conductors

Diameter: 0.059" | 1.50mm

### Insulation

Semi-rigid polyvinyl chloride

Wall thickness: 0.016" | 0.41mm

Diameter: 0.091" | 2.32mm

### Color Code

Black, Red, White, Green

### Assembly

4 conductors twisted

Lay length: 3.0" | 80mm

4.0 twists per foot | 12.5 twists per meter

### Construct

100% Paper tape binder

Ripcord under jacket

### Shield

N/A

### Jacket

Pressure extruded polyvinyl chloride

Colors: White, Black, Green, Royal Blue, Pink

Wall thickness: 0.035" | 0.90mm

Diameter: 0.291" | 7.40mm

Specification Revision Date:

### Electrical

DC resistance: 4.02  $\Omega$  / 1000' | 13.18  $\Omega$ /KM

Mutual capacitance: 27.3 pF/FT | 89.5 pF/M

Impedance: 73  $\Omega$

Inductance: 0.16 $\mu$ H/FT | 0.52 $\mu$ H/M

Velocity of Propagation: 55%

Voltage rating: 300V

Maximum current: 5.0A@25 °C

### Regulatory

NEC: CL3 75 °C

CEC: CMG FT4 60 °C

EU RoHS 2002/95/EC Compliant

### Packages

Reel: 1000' | 305M

Reel: 500' | 152M

### Installation

Pull Tension: 84 Lbs | 374 N

Bend radius: 2.91" | 74mm unloaded

Bend radius: 5.82" | 148mm loaded

### Applications

General purpose speaker level audio

Non-plenum 70V commercial speaker audio

Non-Plenum Class 2 and 3 power

### Performance

Speaker level audio to 50 feet

### Final Outside Diameter (inches)

0.291

January 19, 2012

