



## Technical Specifications

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

### 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

65-strand annealed bare copper conductors

Diameter: 0.059" | 1.49mm

### Insulation

Semi-rigid polyvinyl chloride

Wall thickness: 0.016" | 0.41mm

Diameter: 0.0906" | 2.3mm

### Color Code

Black, Red, White, Green

### Assembly

4 conductors twisted

Lay length: 4.0" | 100mm

3.0 twists per foot | 10.0 twists per meter

### Construct

Ripcord under jacket

### Shield

N/A

### Jacket

Polyvinyl chloride

Colors: White, Light green, Gray

Wall thickness: 0.025" | 0.635mm

Diameter: 0.269" | 6.82mm

Specification Revision Date:

### Electrical

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

Mutual capacitance: 31.0 pF/FT | 101.68 pF/M

Impedance: 72  $\Omega$

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: CM 75°C

CEC: CMG FT4 60°C

EU RoHS 2002/95/EC Compliant

### Packages

Reel: 1000' | 305M

Reel: 500' | 152M

Weight: 61 Lbs/1000' | 91 Kg/KM

### Installation

Pull Tension: 83 Lbs | 370 N

Bend radius: 2.69" | 69mm unloaded

Bend radius: 5.38" | 138mm 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)

0.269

February 7, 2006

