



Technical Specifications

Product Line: 16-2C-KO+

Description

2 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

Assembly

2 conductors twisted

Lay length: 3.0" | 80mm

4.0 twists per foot | 12.5 twists per meter

Construct

Ripcord under jacket

Shield

N/A

Jacket

Polyvinyl chloride

Colors: White, Light blue

Wall thickness: 0.025" | 0.635mm

Diameter: 0.231" | 5.87mm

Specification Revision Date:

Electrical

DC resistance: 4.02 Ω / 1000' | 13.18 Ω /KM

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

Impedance: 72 Ω

Inductance: 0.16 μ H/FT | 0.52 μ H/M

Velocity of Propagation: 55%

Voltage rating: 300V

Maximum current: 6.25A@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

Installation

Pull Tension: 42 Lbs | 187 N

Bend radius: 2.31" | 59mm unloaded

Bend radius: 4.62" | 118mm 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)

0.231

February 7, 2006

