



Technical Specifications

Product Line: 16-4C

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
19-strand annealed bare copper conductors
Diameter: 0.056" | 1.42mm

Electrical

DC resistance: 4.35 Ω / 1000' | 14.27 Ω/KM
Mutual capacitance: 27.8 pF/FT | 91.18 pF/M
Impedance: 66 Ω
Inductance: 0.15μH/FT | 0.49μH/M
Velocity of Propagation: 55%
Voltage rating: 300V
Maximum current: 5.0A@25°C

Insulation

Polyvinyl chloride
Wall thickness: 0.010" | 0.25mm
Diameter: 0.076" | 1.93mm

Regulatory

NEC: CMR 75°C
CEC: CMG FT4 60°C
EU RoHS-2 2011/65/EU Compliant

Color Code

Black, Red, White, Green

Packages

Reel: 1000' | 305M
Weight: 56 Lbs/1000' | 84 Kg/KM

Assembly

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

Installation

Pull Tension: 84 Lbs | 374 N
Bend radius: 2.22" | 57mm unloaded
Bend radius: 4.44" | 114mm loaded

Construct

Ripcord under jacket

Applications

Riser commercial and residential speaker level audio
General purpose 70V commercial speaker audio
General purpose Class 2 and 3 power

Shield

N/A

Performance

Speaker level audio to 50 feet

Jacket

Flame rated polyvinyl chloride
Colors: White, Gray
Wall thickness: 0.020" | 0.51mm
Diameter: 0.222" | 5.64mm

Final Outside Diameter (inches)

0.222

Specification Revision Date:

July 23, 2014

