



Technical Specifications

Product Line: 16-4C-HT

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
41-strand annealed bare copper conductors
Diameter: 0.0578" | 1.47mm

Electrical

DC resistance: 4.03 Ω / 1000' | 13.22 Ω /KM
Mutual capacitance: 33.2 pF/FT | 108.90 pF/M
Impedance: 60 Ω
Inductance: 0.16 μ H/FT | 0.52 μ H/M
Velocity of Propagation: 55%
Voltage rating: 300V
Maximum current: 5.0A@25°C

Insulation

Semi-rigid polyvinyl chloride
Wall thickness: 0.010" | 0.27mm
Diameter: 0.079" | 2.0mm

Regulatory

NEC: CMG 75°C
CEC: CMG FT4 60°C
EU RoHS 2002/95/EC Compliant

Color Code

Black, Red, White, Green

Packages

Nested Box: 500' | 152M
Weight: 48 Lbs/1000' | 72 Kg/KM

Assembly

4 conductors twisted
Lay length: 3.0" | 80mm
4.0 twists per foot | 12.5 twists per meter

Installation

Pull Tension: 85 Lbs | 378 N
Bend radius: 2.24" | 57mm unloaded
Bend radius: 4.48" | 114mm loaded

Construct

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 50 feet

Jacket

Polyvinyl chloride
Colors: White
Wall thickness: 0.017" | 0.44mm
Diameter: 0.224" | 5.70mm

Final Outside Diameter (inches)

0.224

Specification Revision Date:

August 30, 2011

