



**Technical Specifications**

**Product Line: 16-2C-HT**

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

**Electrical**

DC resistance: 4.03  $\Omega$  / 1000' | 13.22  $\Omega$ /KM  
Mutual capacitance: 33.2 pF/FT | 108.90 pF/M  
Impedance: 60  $\Omega$   
Inductance: 0.16 $\mu$ H/FT | 0.52 $\mu$ H/M  
Velocity of Propagation: 55%  
Voltage rating: 300V  
Maximum current: 6.25A@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

**Packages**

Nested Box: 1000' | 305M  
Weight: 28 Lbs/1000' | 42 Kg/KM

**Assembly**

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

**Installation**

Pull Tension: 43 Lbs | 192 N  
Bend radius: 1.91" | 49mm unloaded  
Bend radius: 3.82" | 98mm 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" | 0.43mm  
Diameter: 0.191" | 4.85mm

**Final Outside Diameter (inches)**

0.191

Specification Revision Date:

August 30, 2011

