



**Technical Specifications**  
**Product Line: 22-2C-ST-HT**

**Description**

2 conductor 22 AWG stranded, non-twisted, and unshielded cable  
NEC type CMG 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**

22 AWG  
7-strand annealed bare copper conductors  
Diameter: 0.030" | 0.76mm

**Electrical**

DC resistance: 15.3  $\Omega$  / 1000' | 50.2  $\Omega$ /KM  
Mutual capacitance: 20.0 pF/FT | 65.6 pF/M  
Impedance: 85  $\Omega$   
Velocity of Propagation: 67%  
Voltage rating: 300V  
Maximum current: 2.8A@25°C

**Insulation**

Foam polypropylene  
Wall thickness: 0.006" | 0.15mm  
Diameter: 0.041" | 1.04mm

**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: 17 Lbs/1000' | 26 Kg/KM

**Assembly**

2 conductors in parallel

**Installation**

Pull Tension: 11 Lbs | 49 N  
Bend radius: 1.10" | 28mm unloaded  
Bend radius: 2.20" | 56mm loaded

**Construct**

N/A

**Applications**

General purpose security and low voltage power  
Non-Plenum Class 2 and 3 power

**Shield**

N/A

**Performance**

N/A

**Jacket**

Pressure extruded polyvinyl chloride  
Colors: White, Gray  
Wall thickness: 0.014" | 0.36mm  
Diameter: 0.110" | 2.79mm

**Final Outside Diameter (inches)**

0.110

Specification Revision Date:

August 2, 2007

