

Technical Specifications

Product Line: **22-4C-SOL**

Description

4 conductor 22 AWG solid, non-twisted, and unshielded cable NEC type CM, CL2 or CMX Outdoor and CEC type CM FT1. Product manufactured compliant to the requirements of UL444 for installations and applications in accordance with NEC articles 725 and 800.

Conductor

22 AWG
 Solid annealed bare copper conductors
 Diameter: 0.025" | 0.64mm

Electrical

DC resistance: 16.90 Ω / 1000' | 55.43 Ω /KM
 Mutual capacitance: 20.0 pF/FT | 65.6 pF/M
 Impedance: 80 Ω
 Velocity of Propagation: 67%
 Voltage rating: 300V
 Maximum current: 2.3A@25°C

Insulation

Foam polypropylene
 Wall thickness: 0.006" | 0.15mm
 Diameter: 0.037" | 0.95mm

Regulatory

NEC: CM,CL2,CMX-Outdoor 75°C
 CEC: CM FT1 60°C
 Sunlight Resistant
 EU RoHS III 2015/863/EU Compliant REACH (EC) No 1907/2006 Compliant

Color Code

Black, Red, Yellow, Green

Packages

Nested Box: 1000' | 305M
 Weight: 14.4 Lbs/1000' | 22 Kg/KM

Assembly

4 conductors in parallel

Installation

Pull Tension: 21 Lbs | 94 N
 Bend radius: 1.17" | 30mm unloaded
 Bend radius: 2.34" | 60mm loaded

Construct

N/A

Applications

General purpose security and low voltage power
 Telco station wire punchdown and phones
 General purpose Class 2 and 3 power

Shield

N/A

Performance

N/A

Jacket

Semi-pressure extruded polyvinyl chloride
 Colors: White, Gray, Black
 Wall thickness: 0.014" | 0.36mm
 Diameter: 0.117" | 2.97mm

Final Outside Diameter (inches)

0.117

Specification Revision Date:

February 19, 2013