

Technical Specifications

Product Line: RVSCR222

Description

2 conductor 22 AWG stranded, non-twisted, and unshielded cable NEC type CMR and CEC type CMG FT4. Euro CPR Eca compliant. Product manufactured compliant to the requirements of UL444 for installations and applications in accordance with NEC article(s) 725, 800, and 760.

Conductor

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

Electrical

DC resistance: 16.89 Ω / 1000' | 55.40 Ω /KM
 Mutual capacitance: 38.87 pF/FT | 127.49 pF/M
 Impedance: 58 Ω
 Velocity of Propagation: 55%
 Voltage rating: 300V
 Maximum current: 2.8A@25°C

Insulation

Polyvinyl chloride
 Wall thickness: 0.012" | 0.30mm
 Diameter: 0.053" | 1.35mm

Regulatory

NEC: CMG 75°C
 CEC: CMG FT4 60°C
 Eurospec CPR Eca
 EU RoHS III 2015/863/EU Compliant
 REACH (EC) No 1907/2006 Compliant

Color Code

Black, Red

Packages

Nested Box: 1000' | 305M
 Weight: 17 Lbs/1000' | 26 Kg/KM

Assembly

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

Installation

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

Construct

N/A

Applications

Riser security and low voltage power
 Riser Class 2 and 3 power

Shield

N/A

Performance

N/A

Jacket

Flame rated polyvinyl chloride
 Colors: White, Black
 Wall thickness: 0.016" | 0.40mm
 Diameter: 0.138" | 3.50mm

Final Outside Diameter (inches)

0.138

Specification Revision Date:

May 17, 2019