

## Technical Specifications

**Product Line:** RVSCR224

### Description

4 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  $\Omega$  / 1000' | 55.40  $\Omega$ /KM  
 Mutual capacitance: 38.87 pF/FT | 127.49 pF/M  
 Impedance: 58 $\Omega$   
 Velocity of Propagation: 55%  
 Voltage rating: 300V  
 Maximum current: 2.3A@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, White, Green

### Packages

Nested Box: 1000' | 305M  
 Weight: 20 Lbs/1000' | 30 Kg/KM

### Assembly

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

### Installation

Pull Tension: 21 Lbs | 94 N  
 Bend radius: 1.26" | 32mm unloaded  
 Bend radius: 2.52" | 64mm 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: 0.159" | 4.05mm

### Final Outside Diameter (inches)

0.159

Specification Revision Date:

May 17, 2019