



## Technical Specifications

**Product Line:** 22-3C-SH

### Description

3 conductor 22 AWG stranded, twisted, and shielded 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

22 AWG

7-strand annealed bare copper conductors

Diameter: 0.0288" | 0.73mm

### Insulation

Polyvinyl chloride

Wall thickness: 0.008" | 0.20mm

Diameter: 0.045" | 1.14mm

### Color Code

Black, Red, White

### Assembly

3 conductors twisted

Lay length: 3.0" | 80mm

4.0 twists per foot | 12.5 twists per meter

### Construct

Ripcord under jacket

### Shield

100% aluminum/polyester tape foil out

24 AWG 7-strand tinned copper drain

### Jacket

Polyvinyl chloride

Colors: White, Gray

Wall thickness: 0.020" | 0.51mm

Diameter: 0.140" | 3.56mm

Specification Revision Date:

### Electrical

DC resistance: 16.4  $\Omega$  / 1000' | 53.79  $\Omega$ /KM

Mutual capacitance: 39.7 pF/FT | 130.22 pF/M

Impedance: 47  $\Omega$

Velocity of Propagation: 55%

Voltage rating: 300V

Maximum current: 2.3A@25°C

### Regulatory

NEC: CMR 75°C

CEC: CMG FT4 60°C

EU RoHS 2002/95/EC Compliant

### Packages

Reel: 1000' | 305M

Weight: 22 Lbs/1000' | 33 Kg/KM

### Installation

Pull Tension: 25 Lbs | 112 N

Bend radius: 1.40" | 36mm unloaded

Bend radius: 2.80" | 72mm loaded

### Applications

Riser General purpose security and low voltage power

Non-Plenum Class 2 and 3 power

### Performance

N/A

### Final Outside Diameter (inches)

0.140

June 15, 2005

