

## Technical Specifications

**Product Line:** 22-6C

### Description

6 conductor 22 AWG stranded, twisted, and unshielded 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 article(s) 725, 800, and 760.

### Conductor

22 AWG  
 7-strand annealed bare copper conductors  
 Diameter: 0.0288" | 0.73mm

### Electrical

DC resistance: 16.4  $\Omega$  / 1000' | 53.79  $\Omega$ /KM  
 Mutual capacitance: 25.9 pF/FT | 84.95 pF/M  
 Impedance: 76  $\Omega$   
 Velocity of Propagation: 55%  
 Voltage rating: 300V  
 Maximum current: 2.0A@25°C

### Insulation

Semi-rigid polyvinyl chloride  
 Wall thickness: 0.008" | 0.20mm  
 Diameter: 0.045" | 1.14mm

### Regulatory

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

### Color Code

Black, Red, White, Green, Brown, Blue

### Packages

Reel: 1000' | 305M  
 Weight: 27 Lbs/1000' | 41 Kg/KM

### Assembly

6 conductors twisted  
 Lay length: 2.25" | 60mm  
 5.3 twists per foot | 16.7 twists per meter

### Installation

Pull Tension: 31 Lbs | 138 N  
 Bend radius: 1.87" | 48mm unloaded  
 Bend radius: 3.74" | 96mm loaded

### Construct

Ripcord under jacket

### Applications

Riser security and low voltage power  
 Riser Class 2 and 3 power  
 Non-Plenum LED Strip Lighting

### Shield

N/A

### Performance

N/A

### Jacket

Flame rated polyvinyl chloride  
 Colors: Gray  
 Wall thickness: 0.020" | 0.51mm  
 Diameter: 0.187" | 4.75mm

### Final Outside Diameter (inches)

0.187

Specification Revision Date:

June 11, 2008