



Technical Specifications

Product Line: 22-6C-SH

Description

6 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

Electrical

DC resistance: 16.4 Ω / 1000' | 53.79 Ω /KM
Mutual capacitance: 39.7 pF/FT | 130.22 pF/M
Impedance: 47 Ω
Velocity of Propagation: 55%
Voltage rating: 300V
Maximum current: 2.0A@25°C

Insulation

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 2002/95/EC Compliant

Color Code

Black, Red, White, Green, Brown, Blue

Packages

Reel: 1000' | 305M
Weight: 24 Lbs/1000' | 36 Kg/KM

Assembly

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

Installation

Pull Tension: 35 Lbs | 156 N
Bend radius: 1.84" | 47mm unloaded
Bend radius: 3.68" | 94mm loaded

Construct

Ripcord under jacket

Applications

Riser General purpose security and low voltage power
Non-Plenum Class 2 and 3 power

Shield

100% aluminum/polyester tape foil out
24 AWG 7-strand tinned copper drain

Performance

N/A

Jacket

Polyvinyl chloride
Colors: Gray
Wall thickness: 0.020" | 0.51mm
Diameter: 0.184" | 4.68mm

Final Outside Diameter (inches)

0.184

Specification Revision Date:

June 15, 2005

