

Technical Specifications**Product Line: 18-8C****Description**

8 conductor 18 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 articles 725 and 800.

Conductor

18 AWG
7-strand annealed bare copper conductors
Diameter: 0.0454" | 1.15mm

Electrical

DC resistance: 6.92 Ω / 1000' | 22.7 Ω /KM
Mutual capacitance: 24.0 pF/FT | 78.72 pF/M
Impedance: 63 Ω
Velocity of Propagation: 55%
Voltage rating: 300V
Maximum current: 3.0A@25°C

Insulation

Semi-rigid polyvinyl chloride
Wall thickness: 0.006" | 0.15mm
Diameter: 0.057" | 1.45mm

Regulatory

NEC: CMR 75°C
CEC: CMG FT4 60°C
Sunlight Resistance
EU RoHS 2002/95/EC Compliant

Color Code

Black, Red, White, Green, Brown, Blue, Orange, Yellow

Packages

Reel: 1000' | 305M
Weight: 54 Lbs/1000' | 81 Kg/KM

Assembly

8 conductors twisted
Lay length: 5.0" | 127mm
2.4 twists per foot | 7.9 twists per meter

Installation

Pull Tension: 104 Lbs | 462 N
Bend radius: 2.26" | 58mm unloaded
Bend radius: 4.52" | 116mm loaded

Construct

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Applications

Riser General purpose security and low voltage power
Riser commercial and residential speaker level audio
Non-plenum 70V commercial speaker audio
Non-Plenum Class 2 and 3 power

Shield

N/A

Performance

Speaker level audio to 30 feet

Jacket

Polyvinyl chloride
Colors: Gray
Wall thickness: 0.019" | 0.48mm
Diameter: 0.226" | 5.74mm

Final Outside Diameter (inches)

0.226

Specification Revision Date:

February 13, 2013