



Technical Specifications

Product Line: LUTRON-ESC

Description

5 conductor 22 AWG solid, twisted, and shielded cable
NEC type CM and CEC type CMR FT4, 600V AWM style 20811 for pendant lighting. Product manufactured compliant to the requirements of UL444 for installations and applications in accordance with NEC articles 725 and 800.

Conductor

22 AWG
Solid annealed bare copper conductors
Diameter: 0.0254" | 0.645mm

Electrical

DC resistance: 16.2 Ω / 1000' | 53.14 Ω /KM
Mutual capacitance: 14.98 pF/FT | 49.13 pF/M
Impedance: 128 Ω
Velocity of Propagation: 55%
Voltage rating for CM: 300V
Voltage rating for AWM: 600V
Maximum current: 2.0A@25°C

Insulation

Polyvinyl chloride
Wall thickness: 0.030" | 0.76mm
Diameter: 0.085" | 2.17mm

Regulatory

NEC: CM 75°C
CEC: CM 75°C
AWM 20811 600V 105C
EU RoHS 2002/95/EC Compliant

Color Code

Red, Black, White, Blue, Yellow

Packages

Reel: 1000' | 305M
Weight: 46 Lbs/1000' | 69 Kg/KM

Assembly

5 conductors cabled on a common axis

Installation

Pull Tension: 30 Lbs | 134 N
Bend radius: 2.93" | 75mm unloaded
Bend radius: 5.86" | 150mm loaded

Construct

Ripcord under jacket

Applications

Lutron® EcoSystems® Sensor cable
General purpose EcoSystems® sensor cable for Lutron® systems
Dual rated for Lighting Pendant wiring applications (600V)

Shield

100% aluminum/polyester foil facing out

Performance

N/A

Jacket

Polyvinyl chloride
Colors: White
Wall thickness: 0.030" | 0.76mm
Diameter: 0.293" | 7.44mm

Final Outside Diameter (inches)

0.293

Specification Revision Date:

March 7, 2011

