



Technical Specifications

Product Line: LUTRON-EBC

Description

2 conductor 16 AWG solid, twisted, and unshielded 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

16 AWG
Solid annealed bare copper conductors
Diameter: 0.0508" | 1.29mm

Electrical

DC resistance: 4.26 Ω / 1000' | 13.97 Ω /KM
Mutual capacitance: 20.5 pF/FT | 67.2 pF/M
Impedance: 94 Ω
Velocity of Propagation: 55%
Voltage rating for CM: 300V
Voltage rating for AWM: 600V
Maximum current: 6.25A@25° C

Insulation

Polyvinyl chloride
Wall thickness: 0.030" | 0.76mm
Diameter: 0.110" | 2.81mm

Regulatory

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

Color Code

Violet, Violet/white stripe

Packages

Reel: 1000' | 305M
Weight: 41 Lbs/1000' | 62 Kg/KM

Assembly

2 conductors cabled on a common axis

Installation

Pull Tension: 42 Lbs | 187 N
Bend radius: 2.83" | 72mm unloaded
Bend radius: 5.66" | 144mm loaded

Construct

Ripcord under jacket

Applications

Lutron® EcoSystems® bus cable
General purpose ballast support cable for Lutron® systems
Dual rated for Lighting Pendant wiring applications (600V)

Shield

N/A

Performance

N/A

Jacket

UV stabilized polyvinyl chloride
Colors: Gray
Wall thickness: 0.030" | 0.76mm
Diameter: 0.283" | 7.19mm

Final Outside Diameter (inches)

0.283

Specification Revision Date:

March 7, 2011

