



Technical Specifications

Product Line: LUTRON-P-ESC

Description

5 conductor 22 AWG solid, twisted, and shielded cable

NEC type CMP and CEC type CMP FT6. 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: 0.0253" | 0.645mm

Insulation

fluorinated ethylene propylene

Wall thickness: 0.007" | 0.18mm

Diameter: 0.039" | 1.00mm

Color Code

Red, Black, White, Blue, Yellow

Assembly

5 conductors cabled on a common axis

Printed nomax marking tape under jacket

Construct

Ripcord under jacket

Shield

100% aluminum/polyester tape bonded to jacket foil out

24 AWG Solid tinned copper drain

Jacket

Fluorinated ethylene propylene

Colors: Natural Clear

Wall thickness: 0.012" | 0.30mm

Diameter: 0.134" | 3.40mm

Specification Revision Date:

Electrical

DC resistance: 16.2 Ω / 1000' | 53.14 Ω /KM

Mutual capacitance: 26.2 pF/FT | 85.94 pF/M

Impedance: 54 Ω

Velocity of Propagation: 78%

Voltage rating: 300V

Maximum current: 2.0A@25°C

Regulatory

NEC: CMP 125°C

CEC: CMP FT6 125°C

EU RoHS 2002/95/EC Compliant

Packages

Reel: 1000' | 305M

Weight: Lbs/1000' | Kg/KM

Installation

Pull Tension: 29 Lbs | 129 N

Bend radius: 1.34" | 34mm unloaded

Bend radius: 2.68" | 68mm loaded

Plenum cable should be conditioned at room temperature for 24 hours prior to installation and never installed below 32°F | 0°C ambient temperature

Applications

Lutron® EcoSystems® Sensor cable

Plenum sensor support cable for Lutron®

High temperature cable

Performance

N/A

Final Outside Diameter (inches)

0.134

October 21, 2008

