



## Technical Specifications

**Product Line:** LUTRON-P-EBC

### Description

2 conductor 16 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

16 AWG

Solid annealed bare copper conductors

Diameter: 0.0508" | 1.29mm

### Insulation

fluorinated ethylene propylene

Wall thickness: 0.008" | 0.21mm

Diameter: 0.067" | 1.70mm

### Color Code

Violet, Violet/white band

### Assembly

2 conductors cabled on a common axis

Printed nomax marking tape under jacket

### Construct

Ripcord under jacket

### Shield

N/A

### Jacket

Fluorinated ethylene propylene

Colors: Natural clear

Wall thickness: 0.012" | 0.30mm

Diameter: 0.158" | 4.01mm

Specification Revision Date:

### Electrical

DC resistance: 4.26  $\Omega$  / 1000' | 13.97  $\Omega$ /KM

Mutual capacitance: 23.6 pF/FT | 77.4 pF/M

Impedance: 63  $\Omega$

Velocity of Propagation: 68%

Voltage rating: 300V

Maximum current: 6.25A@25°C

### Regulatory

NEC: CMP 125°C

CEC: CMP FT6 125°C

EU RoHS 2002/95/EC Compliant

### Packages

Reel: 1000' | 305M

Weight: 30 Lbs/1000' | 45 Kg/KM

### Installation

Pull Tension: 42 Lbs | 187 N

Bend radius: 1.58" | 40mm unloaded

Bend radius: 3.16" | 80mm 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® bus cable

Plenum ballast support cable for Lutron®

High temperature cable

### Performance

N/A

### Final Outside Diameter (inches)

0.158

May 24, 2011

