



Technical Specifications

Product Line: **LUTRON-WHT**

Description

4 conductor 18 AWG stranded, twisted, and shielded cable

NEC type CM 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: 0.047" | 1.20mm

Insulation

Semi-rigid polyvinyl chloride

Wall thickness: 0.015" | 0.38mm

Diameter: 0.077" | 1.95mm

Color Code

Red, Black, White, Green

Assembly

4 shielded conductors and drain wire cabled on a common axis

Construct

Ripcord under jacket

Shield

100% aluminum/mylar tape bonded to jacket foil out

20AWG 7-strand tinned copper drain

Jacket

Polyvinyl chloride

Colors: Light blue/white stripe

Wall thickness: 0.027" | 0.68mm

Diameter: 0.240" | 6.10mm

Specification Revision Date:

Electrical

DC resistance: 6.10 Ω / 1000' | 20.0 Ω /KM

Mutual capacitance: 43.8 pF/FT | 143.7 pF/M

Impedance: 45.4 Ω

Velocity of Propagation: 55%

Voltage rating: 300V

Maximum current: 3.0A@25°C

Regulatory

NEC: CL3 60°C

CEC: CMG FT4 60°C

EU RoHS 2002/95/EC Compliant

Packages

Reel: 1000' | 305M

Weight: 69 Lbs/1000' | 103 Kg/KM

Installation

Pull Tension: 66 Lbs | 294 N

Bend radius: 2.40" | 61mm unloaded

Bend radius: 4.80" | 122mm loaded

Applications

Lutron® low voltage dimmer & switch control

If line voltage is needed - 18-4C-TRSH-LBL please

GRAFIK EYE, GRAFIK INTEGRALE, HOMEWORKS

Performance

N/A

Final Outside Diameter (inches)

0.240

February 11, 2004

