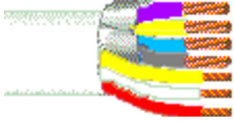## Product: [1389LA](#) ⧉

Lutron Homeworks / Sivoia QED, EDU and Keypad, #16-2c, CL3

Product Description

Lighting & Automation 2 Conductor 16 AWG bare copper unshielded, PVC insulation (power), 1 Conductor 18 AWG bare copper unshielded, PVC insulation and 4 Conductor 18 AWG stranded bare copper, PVC insulation, Beldfoilshield w drain, PVC jacket, CL3 rated.

Technical Specifications

Product Overview

Suitable Applications:	Automation/Lighting Control

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
18	19x30	BC - Bare Copper	4
18		BC - Bare Copper	1
16		BC - Bare Copper	2

Conductor Count:	7

Insulation

Material
PE - Polyethylene
PVC - Polyvinyl Chloride
PVC - Polyvinyl Chloride

Color Chart

Number	Color
1	Purple, Yellow, Blue, & Gray (18AWG)
2	Red & Red/White (16AWG)
3	Yellow/Green (18AWG)

Inner Shield Material

Type	Layer	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	18 AWG	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	24	7x32
						TC - Tinned Copper	

Outer Jacket Material

Material	Nominal Diameter	Ripcord
PVC - Polyvinyl Chloride	0.32 in	No

Electrical Characteristics

Conductor DCR

Element	Max. Conductor DCR
18 AWG	2.19 Ohm/1000ft
	1.37 Ohm/100m

Current

Element	Max. Recommended Current [A]
18AWG	6.3 Amps per Conductor at 25ºC
16AWG	7.9 Amps per Conductor at 25ºC

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

Operating Temp Range:	-20°C To +60°C

Mechanical Characteristics

Bulk Cable Weight:	74 lbs/1000ft
Max. Pull Tension:	203 lbs
Min Bend Radius/Minor Axis:	3.25 in

Standards

NEC/(UL) Compliance:	CL3, CM
CEC/C(UL) Compliance:	CM

Applicable Environmental and Other Programs

Environmental Space:	Indoor (Not Riser or Plenum)
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor:	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	UL1581 Vertical Tray
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No

Part Number

Variants

Item #	Color	Putup Type	Length	UPC
1389LA 009250	White	Reel	250 ft	612825114123
1389LA 0091000	White	Reel	1,000 ft	612825114116

Product Notes

Notes:	Sequential footage marking every two feet.

History

Update and Revision:	Revision Number: 0.196 Revision Date: 08-25-2020