
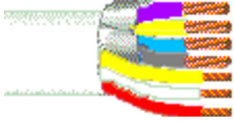


Product: [1389LA](#) 



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
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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
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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 25°C
16AWG	7.9 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

Operating Temp Range:	-20°C To +60°C
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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
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Flammability, LSOH, Toxicity Testing

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

Plenum/Non-Plenum

Plenum (Y/N):	No
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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.
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History

Update and Revision:	Revision Number: 0.196 Revision Date: 08-25-2020
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Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.