

Product: <u>1389LA</u> ☑



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
Condu	ctor Count:		

#### 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
Таре	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

## **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

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