BELDEN

Product: 1387LA ↗

Lighting & Automation, 2 Conductor 18 AWG + 1 Pair 22 AWG, CL3

Product Description

Lighting & Automation Cable, 2 conductor 18 AWG stranded (19x30) bare copper unshielded, PP insulation and 1 pair 22 AWG stranded (7x30) bare copper, PP insulation, Beldfoil® shield with drain, CL3 & CM rated PVC jacket.

Technical Specifications

Product Overview

Suitable Applications:	Lutron Sivoia QS System
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors	No. of Pairs
22	7x30	BC - Bare Copper		1
18	19x30	BC - Bare Copper	2	

Conductor

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22	7x30	BC - Bare Copper		1
18	19x30	BC - Bare Copper	2	

Conductor Count:	4
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Insulation

Element	Material
22 AWG	PP - Polypropylene
18 AWG	PP - Polypropylene

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22 AWG	PP - Polypropylene
18 AWG	PP - Polypropylene

Color Chart

Number	Color
1	Purple & White
2	Red & Black

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1	Purple & White
2	Red & Black

Inner Shield

Type	Layer	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D

| Tape | 22 AWG Pair | Bi-Laminate (Alum+Poly) | Beldfoil® | 100% | TC - Tinned Copper | 24 | |
| | | | | | TC - Tinned Copper | | 7x32 |

Inner Shield

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Tape	22 AWG Pair	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	24	
					TC - Tinned Copper		7x32

Outer Shield

Material
No Shield

Outer Shield

Material
No Shield

Outer Jacket

Material	Nominal Diameter	Ripcord
PVC - Polyvinyl Chloride	0.335 in	No

Outer Jacket

Material	Nominal Diameter	Ripcord
PVC - Polyvinyl Chloride	0.335 in	No

Electrical Characteristics

Conductor DCR

Element	Nominal Conductor DCR
22 AWG	16.1 Ohm/1000ft
18 AWG	6.5 Ohm/1000ft

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22 AWG	16.1 Ohm/1000ft
18 AWG	6.5 Ohm/1000ft

Capacitance

Element	Nom. Capacitance Conductor to Conductor
22 AWG Pair(s)	14.17 pF/ft

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22 AWG Pair(s)	14.17 pF/ft

Current

Element	Max. Recommended Current [A]
22 AWG	3.8 Amps per Conductor at 25ºC
18 AWG	7.2 Amps per Conductor at 25ºC

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22 AWG	3.8 Amps per Conductor at 25ºC
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Voltage

UL Voltage Rating
300 V RMS

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

Operating Temperature Range:	0°C To +60°C
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Mechanical Characteristics

Bulk Cable Weight:	57 lbs/1000ft
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Max. Pull Tension:	67 lbs
Max. Pull Tension:	67 lbs
Min. Bend Radius/Minor Axis:	3.5 in
Min. Bend Radius/Minor Axis:	3.5 in

Standards

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

Applicable Environmental and Other Programs

Environmental Space:	Indoor (Not Riser or Plenum)
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EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU CE Mark:	Yes
MII Order #39 (China RoHS):	Yes
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor:	Yes
Suitability - Indoor:	Yes

Flammability, LS0H, Toxicity Testing

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

Plenum/Non-Plenum

Plenum (Y/N):	No
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Plenum Number:	1387LP
Plenum Number:	1387LP

Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	UPC
1387LA 204500	Blue, Light With White Stripe	Reel	500 ft	612825114079

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1387LA 204500	Blue, Light With White Stripe	Reel	500 ft	612825114079

Product Notes

Notes:	Sequential footage marking every two feet.
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History

Update and Revision:	Revision Number: 0.304 Revision Date: 12-22-2023

Mouser Electronics

Authorized Distributor

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[Belden Wire & Cable](#):

[1387LA 204500](#)