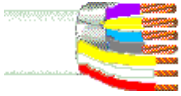


1389LA Multi-Conductor - Automation/Lighting Control



For more Information
please call

1-800-Belden1



General Description:

Lighting & Automation Cable, Rated-CL3, 2-16 AWG bare copper conductors unshielded, PVC insulation (power), 1-18 AWG bare copper conductor unshielded, PVC insulation and 4-18 AWG stranded bare copper, PVC insulation, Beldfoil® shield w drain, PVC jacket.

Usage (Overall)

Suitable Applications: Automation/Lighting Control

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
4	18	19x30	BC - Bare Copper
1	18	19x30	BC - Bare Copper
2	16	26x30	BC - Bare Copper

Total Number of Conductors: 6

Insulation

Insulation Material:

Insulation Material	AWG
PE - Polyethylene	18
PVC - Polyvinyl Chloride	18
PVC - Polyvinyl Chloride	16

Inner Shield

Inner Shield Material:

Layer #	Inner Shield Trade Name	Type	Inner Shield Material	Coverage (%)
18 AWG	Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100.000

Inner Shield Drain Wire AWG:

AWG
24

Inner Shield Drain Wire Stranding: 7x32

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

Quad Shield

Quad Shield Material Type: Tape

Quad Shield Material: Aluminum Foil-Polyester Tape

Quad Shield %Coverage: 100 %

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Outer Jacket Ripcord: No

Overall Cable

Overall Nominal Diameter: 0.320 in.

Pair

Pair Color Code Chart:

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

Mechanical Characteristics (Overall)

1389LA Multi-Conductor - Automation/Lighting Control

Operating Temperature Range:	-20°C to +60°C
Bulk Cable Weight:	74 lbs/1000 ft.
Max. Recommended Pulling Tension:	203 lbs.
Min. Bend Radius/Minor Axis:	3.250 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/UL Specification:	CL3, CM
CEC/UL Specification:	CM
EU Directive 2011/65/EU (ROHS II):	Yes
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MIL Order #39 (China RoHS):	Yes

Flame Test

UL Flame Test:	UL1581 Vertical Tray
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Suitability

Suitability - Indoor:	Yes
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Electrical Characteristics (Overall)

Maximum Conductor DC Resistance:

Description	DCR @ 20°C (Ohm/100 m)
18AWG	2.190
16AWG	1.370

Max. Operating Voltage - UL:

Voltage
300 V RMS

Max. Recommended Current:

Description	Current
18AWG	6.3 Amps per conductor @ 25°C
16AWG	7.9 Amps per conductor @ 25°C

Notes (Overall)

Notes: Sequential footage marking every two feet.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1389LA 0091000	1,000 FT	78.000 LB	WHITE		1C18 + 4C18FS + 2C16 CL3
1389LA 009250	250 FT	21.500 LB	WHITE		1C18 + 4C18FS + 2C16 CL3

Revision Number: 0 Revision Date: 03-13-2013

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