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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 1 (data) triad 22 AWG stranded bare copper, PVC insulation, Beldfoil®shield w drain, PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	# Triads	AWG	Stranding	Conductor Material
	1	22	7x30	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	22
PVC - Polyvinyl Chloride	18
PVC - Polyvinyl Chloride	16

Inner Shield

Inner Shield Material:

Layer #	Inner Shield Trade Name	Type	Inner Shield Material	Coverage (%)
22 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

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Outer Jacket Ripcord: No

Overall Cable

Overall Nominal Diameter: 0.342 in.

Pair

Pair Color Code Chart:

Number	Color
1	Purple, White & Gray (22AWG)
2	Red & Black (16AWG)
3	Yellow/Green (18AWG)

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +60°C

Bulk Cable Weight: 66 lbs/1000 ft.

Max. Recommended Pulling Tension: 132 lbs.

1388LA Multi-Conductor - Media, Automation and Lighting Control

Min. Bend Radius/Minor Axis: 3.500 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CL3, CM
CEC/C(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
MII Order #39 (China RoHS):	Yes

Flame Test

UL Flame Test: UL1581 Vertical Tray

Suitability

Suitability - Indoor: Yes

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

Description	DCR @ 20°C (Ohm/1000 ft)
22AWG	16.100
18AWG	6.500
16AWG	4.200

Max. Operating Voltage - UL:

Voltage
300 V RMS

Max. Recommended Current:

Description	Current
22AWG	3.3 Amps per conductor @ 25°C
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
1388LA 009250	250 FT	18.000 LB	WHITE		2#16, 1#18, 1 FS TRIAD #22 FRPVC

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