

## 1386LA Multi-Conductor - Media, Automation and Lighting Control



For more Information  
please call

1-800-Belden1



### General Description:

Lighting & Automation Cable, Rated-CL3, 2-12 AWG bare copper conductors unshielded, PVC insulation (power), 1-18 AWG bare copper conductor unshielded, PVC insulation and 1 (data) pair 22 AWG stranded bare copper, Polyethylene insulation, Beldfoil® shield w drain, PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Conductors	# Pairs	AWG	Stranding	Conductor Material
	1	22	7x30	BC - Bare Copper
1		18	19x30	BC - Bare Copper
2		12	19x25	BC - Bare Copper

Total Number of Conductors: 5

#### Insulation

Insulation Material:

Insulation Material	AWG
PE - Polyethylene	22
PVC - Polyvinyl Chloride	18
PVC - Polyvinyl Chloride	12

#### Inner Shield

Inner Shield Material:

Layer #	Inner Shield Trade Name	Type	Inner Shield Material	Coverage (%)	Stranding Dia. (in.)	Conductor Material
22 AWG Pair	Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100		

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: 0.450 in.

#### Pair

Pair Color Code Chart:

Number	Color
1	Purple & White (22AWG)
2	Red & Black (12AWG)
3	Org (18AWG)

### Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 123 lbs/1000 ft.

Max. Recommended Pulling Tension: 195 lbs.

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Min. Bend Radius/Minor Axis: 4.500 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
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#### Suitability

Suitability - Indoor:	Yes
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#### Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	1386LP

### Electrical Characteristics (Overall)

#### Nom. Capacitance Conductor to Conductor:

Description	Capacitance (pF/ft)
22 AWG Pair	14.170

#### Nom. Conductor DC Resistance:

Description	DCR @ 20°C (Ohm/1000 ft)
22AWG	16.100
18AWG	6.500
12AWG	1.600

#### Max. Operating Voltage - UL:

Voltage
300 V RMS

#### Max. Recommended Current:

Description	Current
22AWG	3.8 Amps per conductor @ 25°C
18AWG	7.2 Amps per conductor @ 25°C
12AWG	17.2 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
1386LA 2041000	1,000 FT	131.000 LB	BLUE, LIGHT/WHITE		2#12, 1#18 + 1 FS PR #22 FRPVC
1386LA 204250	250 FT	35.750 LB	BLUE, LIGHT/WHITE		2#12, 1#18 + 1 FS PR #22 FRPVC
1386LA 204500	500 FT	70.500 LB	BLUE, LIGHT/WHITE		2#12, 1#18 + 1 FS PR #22 FRPVC

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).