

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



For more Information  
please call

1-800-Belden1

**General Description:**

22 AWG stranded (7x30) bare copper conductors, polyethylene insulation (data), STP w/Beldfoil®; 1 conductor - 18 AWG (19x30) bare copper conductors unshielded, PVC insulation (power); 2 conductors - 12 AWG (19x25) bare copper conductors unshielded, PVC insulation, 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)

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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.
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.

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## 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

Revision Number: 1    Revision Date: 08-30-2012

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