

Part Number: 1386LP

Lighting Control 2 Conductor 12 AWG, CMP



Product Description

Lighting & Automation Cable, 2 Conductor 12 AWG, bare copper conductors unshielded, FEP insulation (power) and 1 Conductor 18 AWG, bare copper conductor unshielded, FEP insulation and 1 Pair 22 AWG stranded bare copper, FEP insulation, Beldfoil shield with drain (data), CMP Flamarrest jacket. Lutron Grafik Eye 4000/5000/6000

Technical Specifications

Product Overview

Environmental Space:	Indoor - Plenum
Suitable Applications:	Automation/Lighting Control

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Conductors	No. of Pairs
22	7x30	BC - Bare Copper			1
18	19x30	BC - Bare Copper	.044 in	1	
12	19x25	BC - Bare Copper	.091 in	2	

Conductor Count:	5
Total Number of Pairs:	1
Conductor Size:	22 AWG

Insulation

Element	Material
22	FEP - Fluorinated Ethylene Propylene
18	FEP - Fluorinated Ethylene Propylene
12	FEP - Fluorinated Ethylene Propylene

Color Chart

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

Inner Shield Material

Type	Layer	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	22 AWG Pair	Aluminum Foil-Polyester Tape	Beldfoil®	100 %	TC - Tinned Copper	24	
						TC - Tinned Copper	7x32 mm

Outer Shield Material

Material
Unshielded

Outer Jacket Material

Material	Material Trade Name	Nominal Diameter	Ripcord
LS PVC - Low Smoke Polyvinyl Chloride	Flamarrest®	0.3 in	No

Electrical Characteristics

Conductor DCR

Element	Nominal Conductor DCR
22AWG	16.1 Ohm/1000ft
18AWG	6.5 Ohm/1000ft
12AWG	1.6 Ohm/1000ft

Capacitance

Element	Nom. Capacitance Conductor to Conductor
22 AWG Pair	21.2 pF/ft

Shielding:	Composite - Multiple / Various
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Current

Element	Max. Recommended Current [A]
22AWG	3.8 Amps per conductor @ 25°C
18AWG	7.2 Amps per conductor @ 25°C
12AWG	17.2 Amps per conductor @ 25°C

Voltage

UL Voltage Rating
300 V RMS

Electrical Characteristics Notes:	22 AWG - 3.8 Amps per conductor @ 25°C
Other Electrical Characteristic 2:	18 AWG - 7.2 Amps per conductor @ 25°C
Other Electrical Characteristic 3:	12 AWG - 17.2 Amps per conductor @ 25°C

Temperature Range

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

Bulk Cable Weight:	86 lbs/1000ft
Max Recommended Pulling Tension:	194 lbs
Min Bend Radius/Minor Axis:	3 in

Standards

NEC/(UL) Specification:	CMP
CEC/C(UL) Specification:	CL3P, CMP

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor:	Yes
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Flammability, LS0H, Toxicity Testing

UL Flammability:	NFPA 262 Plenum Flame Test
CSA Flammability:	FT6
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	Yes
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Part Number

Non-Plenum Number:	1386LA
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Variants

Item #	Color
1386LP 0091000	White
1386LP 009250	White
1386LP 009500	White

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