



Product: [1387LP](#)

Lighting & Automation, 1 Pair 22 AWG, 2 Conductor 18 AWG, CMP

Product Description

Lighting & Automation Cable, 1 (data) pair 22 AWG stranded (7x30) bare copper, FEP insulation, Beldfoil® shield with drain, and 2 conductor 18 AWG stranded (19x30) bare copper unshielded, FEP insulation (power), CMP rated PVDF jacket

Technical Specifications

Product Overview

Suitable Applications:	Multi-Media & Lighting Automation / Control, Lutron® Sivoia® QS System, Motor Drive Unit
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Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Pair(s)	1	22 AWG	7x30	BC - Bare Copper
Conductor(s)	2	18 AWG	19x30	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	FEP - Fluorinated Ethylene Propylene	0.015 in (0.38 mm)	0.066 in (1.7 mm)	Purple & White
Conductor(s)	FEP - Fluorinated Ethylene Propylene	0.011 in (0.28 mm)	0.058 in (1.5 mm)	Red & Black

Inner Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	24 AWG (7x32) TC

Outer Shield

Material
No Shield

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVDF - Polyvinylidene Fluoride	0.017 in (0.43 mm)	0.228 in (5.79 mm)

Overall Cable Diameter (Nominal):	0.228 in (5.79 mm)
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Inner Shield DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Pair(s)	17.2 Ohm/1000ft	17.42 Ohm/1000ft (57.15 Ohm/km)	21.2 pF/ft (69.6 pF/m)	34 Amps per conductor @ 30°C
Conductor(s)	6.9 Ohm/1000ft (23 Ohm/km)			17 Amps per conductor @ 30°C

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
150°C	-40°C to +150°C

Bend Radius

Stationary Min.	Installation Min.
2.3 in (58 mm)	2.3 in (58 mm)

Max. Pull Tension:	73.1 lbs (33.2 kg)
Bulk Cable Weight:	39 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Flammability / Reaction to Fire:	NFPA 262 (UL 910), FT6
NEC / UL Compliance:	Article 800
CEC / C(UL) Compliance:	CMP
European Directive Compliance:	EU CE Mark, REACH
Non-Plenum Number:	1385LA

Product Notes

Notes:	Sequential footage marking every two feet.
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History

Update and Revision:	Revision Number: 0.396 Revision Date: 12-22-2023
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
1387LP 009500	White	Reel	500 ft	612825114086

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