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1-800-Belden1



General Description:

Lighting & Automation Cable, Plenum-CMP, 2-18 AWG bare copper conductors unshielded, FEP insulation (power) and 1 (data) pair 22 AWG stranded bare copper, FEP insulation, Beldfoil® shield w drain, Solef jacket.

Physical Characteristics (Overall)

Conductor

AWG:

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

Total Number of Conductors: 4

Insulation

Insulation Material:

Insulation Material	AWG
FEP - Fluorinated Ethylene Propylene	22
FEP - Fluorinated Ethylene Propylene	18

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
PVDF - Polyvinylidene Fluoride Copolymer

Outer Jacket Ripcord: No

Overall Cable

Overall Nominal Diameter: 0.228 in.

Pair

Pair Color Code Chart:

Number	Color
1	Purple & White
2	Red & Black

Mechanical Characteristics (Overall)

Operating Temperature Range: -40°C To +150°C

Bulk Cable Weight: 39 lbs/1000 ft.

Max. Recommended Pulling Tension: 67 lbs.

Min. Bend Radius/Minor Axis: 2.500 in.

1387LP Multi-Conductor - Media, Automation and Lighting Control

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC(UL) Specification:	CMP
CEC/C(UL) Specification:	CL3P, CMP
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:	NFPA 262 Plenum Flame Test (UL910)(FT6)
CSA Flame Test:	FT6

Suitability

Suitability - Indoor:	Yes
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Plenum/Non-Plenum

Plenum (Y/N):	Yes
Non-Plenum Number:	1385LA

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Description	Capacitance (pF/ft)
22 AWG Pair	21.200

Nom. Conductor DC Resistance:

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

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

Notes (Overall)

Notes: Sequential footage marking every two feet.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1387LP 009500	500 FT	21.500 LB	WHITE		1 FS PR #22 + 2 #18 FEP SLF

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