Part Number: 2285P

Light Dimmer Cable, 2 Conductor 18 AWG BC, CMP

Product Description

Light Dimmer Cable, 2 Conductor 18 AWG solid bare copper conductors with Flamarrest® insulation, CMP rating, Flamarrest® Low Smoke PVC jacket with ripcord.

Technical Specifications

Product Overview

Environmental Space:	Indoor - Plenum
Suitable Applications:	Ballast Wiring and Connection, Addressable Fire Systems, Data Circuits, Monitor/Detection, Control Circuits, Initiating Circuits, Notification Circuits

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Conductors
18	Solid	BC - Bare Copper	0.0407 in	2

Conductor Count:	2
Conductor Size:	18 AWG

Insulation

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness
LS PVC - Low Smoke Polyvinyl Chloride	Flamarrest®	0.0585 in	0.009 in

Color Chart

Number	Color
1	Violet
2	Gray

Outer Shield Material

Material
Unshielded

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
LS PVC - Low Smoke Polyvinyl Chloride	0.147 in	0.015 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
6.4 Ohm/1000ft

Shielding:	Unshielded

Current

Max. Recommended Current [A]
per conductor @ 25°C: 5 A

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

UL Temp Rating:	75°C
Operating Temp Range:	0°C To +75°C

Mechanical Characteristics

Bulk Cable Weight:	15.7 lbs/1000ft
Max Recommended Pulling Tension:	39.2 lbs
Min Bend Radius/Minor Axis:	1.5 in

Standards

NEC Articles:	800
NEC/(UL) Specification:	CMP
CEC/C(UL) Specification:	CMP

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/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
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
CA Prop 65 (CJ for Wire & Cable):	Yes

Suitability

Suitability - Indoor:	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	NFPA 262 Plenum Flame Test (UL910)
CSA Flammability:	FT6
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	Yes

Part Number

Non-Plenum Number:	2285R

Variants

Item #	Color
2285P 0091000	White
2285P 0091000	White
2285P 009500	White
2285P 009500	White