


**Product: [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**

Suitable Applications:	Ballast Wiring and Connection, Addressable Fire Systems, Data Circuits, Monitor/Detection, Control Circuits, Initiating Circuits, Notification Circuits
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**Construction Details**
**Conductor**

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	2	18 AWG	Solid	BC - Bare Copper

**Insulation**

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.010 in (0.25 mm)	0.0605 in (1.54 mm)	Violet, Gray

**Outer Shield**

Material
No Shield

**Outer Jacket**

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.147 in (3.73 mm)	Yes

Overall Cable Diameter (Nominal): 0.147 in (3.73 mm)

**Electrical Characteristics**
**Electricals**

Nom. Conductor DCR	Max. Current
6.4 Ohm/1000ft (21 Ohm/km)	5 Amps per Conductor at 25°C

**Voltage**

UL Voltage Rating
300 V

**Mechanical Characteristics**
**Temperature**

UL Temperature	Operating
75°C	-20°C To +75°C

**Bend Radius**

Stationary Min.	Installation Min.
1.47 in (37.3 mm)	1.47 in (37.3 mm)

Max. Pull Tension:	39.2 lbs (17.8 kg)
Bulk Cable Weight:	15 lbs/1000ft (22 kg/km)

## Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Flammability / Reaction to Fire:	NFPA 262 (UL 910), FT6
NEC / UL Compliance:	Article 800, CMP
CEC / C(UL) Compliance:	CMP
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Non-Plenum Number:	2285R

## History

Update and Revision:	Revision Number: 0.353 Revision Date: 01-15-2026
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## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC
2285P 009500	White	Reel	500 ft	612825408024
2285P 0091000	White	Reel	1,000 ft	612825408017

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