



**Part Number:** 2285R

Light Dimmer Cable, 2 Conductor 18 AWG BC, CMR

**Product Description**

Light Dimmer Cable, 2 Conductor 18 AWG solid bare copper conductors with polyolefin insulation, CMR rating, PVC jacket with ripcord.

**Technical Specifications**

**Product Overview**

Environmental Space:	Indoor - Riser
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	No. of Conductors
18	Solid	BC - Bare Copper	2

Conductor Count:	2
Conductor Size:	18 AWG

**Insulation**

Material	Nominal Wall Thickness
PP - Polypropylene	0.007 in

**Color Chart**

Number	Color
1	Violet
2	Gray

**Outer Shield Material**

Material
Unshielded

**Outer Jacket Material**

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.143 in	0.017 in

**Electrical Characteristics**

**Conductor DCR**

Nominal Conductor DCR
6.4 Ohm/1000ft

**Capacitance**

Nom. Capacitance Conductor to Conductor
23 pF/ft

**Inductance**

Nominal Inductance
0.16 $\mu$ H/ft

## 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:	-20°C To +75°C

## Mechanical Characteristics

Bulk Cable Weight:	15.2 lbs/1000ft
Max Recommended Pulling Tension:	39.2 lbs
Min Bend Radius/Minor Axis:	1.5 in

## Standards

NEC Articles:	800
NEC/(UL) Specification:	CMR
CEC/C(UL) Specification:	CMG

## 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
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## Flammability, LSOH, Toxicity Testing

C(UL) Flammability:	FT4
UL Flammability:	UL1666 Riser
UL voltage rating:	300 V RMS

## Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	2285P

## Part Number

### Variants

Item #	Color
2285R 0081000	Gray
2285R 0081000	Gray
2285R 008500	Gray
2285R 008500	Gray

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