

Part Number: DEIP168U

Indoor Digital Electricity Copper Cable, #16-8pr, TC, LS-PVC, CMP, LS-PVC Jkt

Product Description

Indoor Digital Electricity Copper Cable, 8-16 AWG Stranded (19x29) Tinned Copper Pairs with Flamarrest® insulation, Plenum-CMP, Flamarrest® Jacket with Ripcord

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Pairs
16	19x29	TC - Tinned Copper	8

Conductor Count:	16
Total Number of Pairs:	8

Insulation

Material	Material Trade Name	Nominal Wall Thickness
LS PVC - Low Smoke Polyvinyl Chloride	Flamarrest®	0.011 in

Color Chart

Number	Color
1	Black & Red
2	Black & White
3	Black & Green
4	Black & Blue
5	Black & Yellow
6	Black & Brown
7	Black & Orange
8	Red & White

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
LS PVC - Low Smoke Polyvinyl Chloride	0.479 in	0.017 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
4.3 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
30 pF/ft

Current

Max. Recommended Current [A]
Per conductor for 35C temp. rise from 25C ambient: 5.5 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:	159 lbs/1000ft
Max Recommended Pulling Tension:	485 lbs
Min Bend Radius/Minor Axis:	4.75 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):	2018-11-19
CA Prop 65 (CJ for Wire & Cable):	Yes

Suitability

Suitability - Indoor:	Yes

Flammability, LS0H, Toxicity Testing

C(UL) Flammability:	FT6
UL Flammability:	NFPA 262

Plenum/Non-Plenum

Plenum (Y/N):	Yes

Part Number

Variants

Item #	Color	Length
DEIP168U	Apple Green	2,000 ft

History

Update and Revision:	Revision Number: 0.20 Revision Date: 08-22-2019

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