Product: DEIP188U

Indoor Digital Electricity Copper Cable, #18-8pr, TC, LS-PVC, CL4P, CMP, LS-PVC Jkt

Product Description

Indoor Digital Electricity Copper Cable, 8-18 AWG Stranded (7x26) Tinned Copper Pairs with Flamarrest® insulation, Plenum-CL4P, CMP, Flamarrest® Jacket with Ripcord

Technical Specifications

Product Overview

Suitable Applications:	Digital Electricity™, Fault Managed Power Systems (FMPS), remote powering, indoor

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Pairs
18	7x26	TC - Tinned Copper	8

Conductor Count:	16
Total Number of Pairs:	8

Insulation

Material	Material Trade Name	Nominal Wall Thickness
PVC - Polyvinyl Chloride	Flamarrest®	0.009 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	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.386 in	0.017 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
6.4 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
30 pF/ft

Current

Max. Recommended Current [A]
4 Amps per Conductor at 25ºC (35°C Temperature Rise)

Voltage

UL Voltage Rating
450 V RMS

Temperature Range

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

Mechanical Characteristics

Bulk Cable Weight:	110 lbs/1000ft
Max. Pull Tension:	355 lbs
Min. Bend Radius/Minor Axis:	3.86 in

Standards

NEC Articles:	Article 800
NEC/(UL) Compliance:	CL4P-FMP (2.0A), CMP
CEC/C(UL) Compliance:	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 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU REACH SVHC Compliance (yyyy-mm-dd):	2019-05-13

Suitability

Suitability - Indoor:	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	NFPA 262

Plenum/Non-Plenum

Plenum (Y/N):	Yes

Related Part Numbers

Variants

Item #	Color	Length
DEIP188U	Apple Green	2,000 ft

History

Update and Revision:	Revision Number: 0.127 Revision Date: 12-22-2023

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