



**Product:** [DEIP144U](#) 

Digital Electricity™, 4 Pr #14 Str TC, Flamarrest® Jkt, CL3P

## Product Description

Digital Electricity™ Optimized Cable, 4 Twisted Pair 14 AWG (19 x 27) Stranded Tinned Copper, Flamarrest® Insulation, Flamarrest® Apple Green Jacket, Ripcord, CL3P, 2000 Ft Reel

## Technical Specifications

### Product Overview

Suitable Applications:	Indoor, Digital Electricity™, remote powering
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### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Pairs
14	19x27	TC - Tinned Copper	4

Total Number of Pairs:	4
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#### Insulation

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

#### Color Chart

Number	Color
1	Black & Red
2	Black & White
3	Black & Green
4	Black & Blue

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.460 in	0.017 in

### Electrical Characteristics

#### Conductor DCR

<b>Nominal Conductor DCR</b>
2.75 Ohm/1000ft

#### Capacitance

<b>Nom. Capacitance Conductor to Conductor</b>
30.75 pF/ft

#### Current

<b>Max. Recommended Current [A]</b>
9.7 Amps per Conductor at 25°C (35°C Temperature Rise)

#### Voltage

<b>UL Voltage Rating</b>
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300 V RMS

## Temperature Range

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

## Mechanical Characteristics

Bulk Cable Weight:	140 lbs/1000ft
Max. Pull Tension:	380 lbs
Min Bend Radius/Minor Axis:	4.625 in

## Standards

NEC Articles:	Article 725
NEC/(UL) Compliance:	CL3P

## 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 CE Mark:	Yes
EU REACH SVHC Compliance (yyyy-mm-dd):	2020-01-24
EU RoHS Compliance Date (yyyy-mm-dd):	2020-01-24

## Suitability

Suitability - Indoor:	Yes
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## Flammability, LSOH, Toxicity Testing

UL Flammability:	NFPA 262
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## Part Number

### Variants

Item #	Color	Length
DEIP144U	Apple Green	2,000 ft

## History

Update and Revision:	Revision Number: 0.21 Revision Date: 09-22-2020
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