



**Product:** [DEIP142U](#) 

Digital Electricity™, 2 Pr #14 Str TC, Flamarrest® Jkt, CL4P, CL3P

## Product Description

Digital Electricity™ Optimized Cable, 2 Twisted Pair 14 AWG (19 x 27) Stranded Tinned Copper, Flamarrest® Insulation, Flamarrest® Apple Green Jacket, Ripcord, CL4P, CL3P, 2000 Ft Reel

## Technical Specifications

### Product Overview

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

#### Conductor

Size	Stranding	Material
14	19x27	TC - Tinned Copper

#### Insulation

Material	Nom. Thickness	Color Code
PVC - Polyvinyl Chloride	0.011 in (0.28 mm)	Black & Red, Black & White

#### Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	0.387 in (9.83 mm)

### Electrical Characteristics

#### Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
2.75 Ohm/1000ft	30.75 pF/ft (100.9 pF/m)	11 Amps per Conductor at 25°C (35°C Temperature Rise)

#### Voltage

UL Voltage Rating
450 V RMS

### Mechanical Characteristics

#### Temperature

UL Temperature	Operating
75°C	0°C To +75°C

Max. Pull Tension:	190 lbs (86 kg)
Bulk Cable Weight:	75 lbs/1000ft

### Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	NFPA 262
NEC / UL Compliance:	Article 725, CL4P, CL3P
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), REACH: 2020-01-24
APAC Compliance:	China RoHS II (GB/T 26572-2011)

## History

Update and Revision: Revision Number: 0.55 Revision Date: 09-07-2025

## Part Numbers

### Variants

Item #	Color	Length
DEIP142U	Apple Green	2,000 ft

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