

Product: [DEIP184F](#) 



Digital Electricity™, 4 Pr #18 Str TC, O/A Foil, Flamarrest® Jkt, CL4P, CMP

Product Description

Digital Electricity™ Optimized Cable, 4 Twisted Pair 18 AWG (7 x 26) Stranded Tinned Copper, Flamarrest® Insulation, Overall Foil Shield, Flamarrest® Apple Green Jacket, Ripcord, CL4P, CMP, 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
18	7x26	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Color Code
PVC - Polyvinyl Chloride	0.009 in (0.23 mm)	Black & Red, Black & White, Black & Green, Black & Blue

Outer Shield

Shield Type	Material	Coverage
Tape	Bi-Laminate (Alum+Poly)	100%

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	0.316 in (8.03 mm)

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
6.5 Ohm/1000ft	39.75 pF/ft (130.4 pF/m)	5.6 Amps per Conductor at 25°C (35°C Temperature Rise)

Nom Outer Shield DCR:	15.6 Ohm/1000ft (51.2 Ohm/km)
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Voltage

UL Voltage Rating
450 V RMS

Mechanical Characteristics

Temperature

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

Max. Pull Tension:	179.2 lbs (81.28 kg)
Bulk Cable Weight:	66 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	NFPA 262, FT6
NEC / UL Compliance:	Article 800, CL4P-FMP (2.0A), CMP
CEC / C(UL) Compliance:	CMP
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: 2020-01-27
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.53 Revision Date: 09-07-2025
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Part Numbers

Variants

Item #	Color	Length
DEIP184F	Apple Green	2,000 ft

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