



Product: [19401](#)

Portable Cordage, 3 C #18 Str BC, PVC Ins, PVC Jkt, UL Type SVT

Request Sample

Product Description

Portable Cordage, 3 Conductor 18AWG (42x34) Bare Copper, PVC Insulation, PVC Outer Jacket, UL Type SVT

Technical Specifications

Product Overview

Suitable Applications:	Portable cordage and cordage
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Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	3	18	42x34	BC - Bare Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
PVC - Polyvinyl Chloride	0.018 in (0.46 mm)	0.084 in (2.1 mm)	Brown, Blue, Green/Yellow

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	22 AWG (7x30) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.043 in (1.1 mm)	0.27 in (6.9 mm)

Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
6.97 Ohm/1000ft	10 Amps per Conductor at 25°C (7 Amps over 50 ft)
	7 Amps per Conductor at 25°C (over 50 ft)

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature
60°C

Bend Radius

Stationary Min.	Installation Min.
2.7 in (69 mm)	2.7 in (69 mm)

Max. Pull Tension:	63.9 lbs (29.0 kg)
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Bulk Cable Weight:	45 lbs/1000ft
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Standards and Compliance

Environmental Suitability:	Oil Resistance
Flammability / Reaction to Fire:	FT2
NEC / UL Compliance:	Article 400, SVT
AWM Compliance:	SVT
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.511 Revision Date: 01-20-2023
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
19401 010250	Black	Reel	250 ft	612825127031
19401 0101000	Black	Reel	1,000 ft	612825127024

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