




Product: [19401](#) 

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

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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 |
|------------------------|------------------------------|

Construction Details

Conductor

| Element | No. of Elements | 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) |

| | |
|-----------------------|-------------------------------|
| Nom Outer Shield DCR: | 10.4 Ohm/1000ft (34.1 Ohm/km) |
|-----------------------|-------------------------------|

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) |
| Bulk Cable Weight: | 45 lbs/1000ft |

Standards and Compliance

| | |
|--------------------------------|--|
| Environmental Suitability: | Oil Resistance |
| 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: 0.514 Revision Date: 02-20-2026 |
|----------------------|--|

Part Numbers

Variants

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

| | |
|-----------|--|
| Footnote: | F - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'. |
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