



Product: [19402](#)

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 for supplying power to appliances and tools |
|------------------------|--|

Construction Details

Conductor

| Element | No. of Elements | Size | Stranding | Material | Notes |
|--------------|-----------------|--------|-----------|------------------|----------------------|
| Conductor(s) | 3 | 18 AWG | 42x34 | BC - Bare Copper | 0.824mm ² |

Insulation

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

Outer Jacket

| Separator | Material | Nom. Thickness | Nom. Diameter |
|------------|--------------------------|--------------------|--------------------|
| Paper Tape | PVC - Polyvinyl Chloride | 0.034 in (0.86 mm) | 0.253 in (6.43 mm) |

| | |
|-----------------------------------|--------------------|
| Overall Cable Diameter (Nominal): | 0.253 in (6.43 mm) |
|-----------------------------------|--------------------|

Electrical Characteristics

Electricals

| Element | Nom. Conductor DCR | Max. Current |
|--------------|--------------------|-----------------------------|
| Conductor(s) | 6.66 Ohm/1000ft | 7 Amps per conductor @ 30°C |

Voltage

| |
|--------------------------|
| UL Voltage Rating |
| (Type SVT) |

Mechanical Characteristics

Temperature

| UL Temperature | Operating |
|----------------|----------------|
| 60°C | -20°C to +60°C |

Bend Radius

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
| 2.5 in (64 mm) | 2.5 in (64 mm) |

| | |
|--------------------|--------------------|
| Max. Pull Tension: | 61.5 lbs (27.9 kg) |
| Bulk Cable Weight: | 39 lbs/1000ft |

Standards and Compliance

| | |
|--------------------------------|--|
| NEC / UL Compliance: | 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: 0.523 Revision Date: 05-11-2023 |
|----------------------|--|

Part Numbers

Variants

| Item # | Color | Putup Type | Length | UPC | Footnote |
|--------------|-------|------------|--------|--------------|----------|
| 19402 010250 | Black | Reel | 250 ft | 612825127048 | F |

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