



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

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | No. of Conductors |
|-----|-----------|------------------|-------------------|
| 18 | 42x34 | BC - Bare Copper | 3 |

Conductor Count:

Insulation

| Material | Nominal Wall Thickness |
|--------------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.018 in |

Color Chart

| Color |
|--------------|
| Blue |
| Brown |
| Green/Yellow |

Outer Shield Material

| Material | Material Trade Name | Coverage [%] | Drainwire Material | Drainwire AWG | Drainwire Construction n x D |
|-------------|---------------------|--------------|--------------------|---------------|------------------------------|
| Alum / Poly | Beldfoil® | 100 % | TC - Tinned Copper | 22 | 7x30 |

Outer Jacket Material

| Material | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.27 in | 0.043 in |

Construction and Dimensions

Type of Cordage:

Cabling

| Filler |
|--------|
| Jute |

Electrical Characteristics

Current

| Max. Recommended Current [A] |
|--|
| 10 Amps per conductor @ 25°C; 7 Amps per conductor @ 25°C over 50 ft |
| 7 Amps per conductor @ 25°C over 50 ft. |

Voltage

| Dielectric Withstand Voltage | UL Voltage Rating |
|------------------------------|-------------------|
| 1500 V AC Applied for 1 Min. | 300 V RMS |

| | |
|-----------------------------------|---|
| Electrical Characteristics Notes: | Dielectric Withstand Voltage: 1500 V AC Applied for 1 Min |
|-----------------------------------|---|

Temperature Range

| | |
|-----------------|------|
| UL Temp Rating: | 60°C |
|-----------------|------|

Mechanical Characteristics

| | |
|-----------------------------|---------------|
| Bulk Cable Weight: | 45 lbs/1000ft |
| Min Bend Radius/Minor Axis: | 2.75 in |

Standards

| | |
|-------------------------|-----|
| NEC/(UL) Specification: | SVT |
| CSA AWM Specification: | SVT |

Applicable Environmental and Other Programs

| | |
|---------------------------------------|-------------------------------|
| EU Directive 2000/53/EC (ELV): | Yes |
| EU Directive 2003/96/EC (BFR): | Yes |
| EU Directive 2011/65/EU (ROHS II): | Yes |
| EU Directive 2012/19/EU (WEEE): | Yes |
| EU Directive Compliance: | EU Directive 2003/11/EC (BFR) |
| EU CE Mark: | Yes |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2004-01-01 |
| MII Order #39 (China RoHS): | Yes |

Flammability, LSOH, Toxicity Testing

| | |
|--------------------|-----------|
| CSA Flammability: | FT2 |
| UL voltage rating: | 300 V RMS |

Plenum/Non-Plenum

| | |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

Part Number

Variants

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

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

History

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|----------------------|--|
| Update and Revision: | Revision Number: 0.306 Revision Date: 04-08-2020 |
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