


Product: [19503](#)

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

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Product Description

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

Technical Specifications
Construction Details
Conductor

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

Insulation

| Material | Nom. Thickness | Nom. Insulation Diameter | Color Code |
|--------------------------|--------------------|--------------------------|---------------------------|
| PVC - Polyvinyl Chloride | 0.032 in (0.81 mm) | 0.110 in (2.79 mm) | Blue, Brown, Green/Yellow |

Outer Jacket

| Separator | Material | Nom. Thickness | Nom. Diameter |
|------------|--------------------------|------------------|---------------|
| Paper Tape | PVC - Polyvinyl Chloride | 0.07 in (1.8 mm) | 0.38 in |

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 |
|-------------------|
| 600 V |

Mechanical Characteristics
Temperature

| UL Temperature | Operating |
|--------------------|--------------------|
| 60°C | -35°C To +105 °C |
| Max. Pull Tension: | 63.9 lbs (29.0 kg) |
| Bulk Cable Weight: | 68 lbs/1000ft |

Standards and Compliance

| | |
|----------------------------------|--|
| Environmental Suitability: | Outdoor, Oil Resistance |
| Flammability / Reaction to Fire: | VW-1 |
| NEC / UL Compliance: | Article 400, STOW |
| AWM Compliance: | STOW |
| 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) |

Product Notes

| | |
|--------|---|
| Notes: | Approved as water resistant, oil resistant and outdoor use. |
|--------|---|

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.398 Revision Date: 09-07-2025 |
|----------------------|--|

Part Numbers

Variants

| Item # | Color | Putup Type | Length | UPC |
|--------------|--------------|------------|--------|--------------|
| 19503 B59250 | Black, Matte | Reel | 250 ft | 612825127116 |

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