



Product: [19503](#)

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

[Request Sample](#)

Product Description

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

Technical Specifications

Construction Details

Conductor

| Element      | Number of Element | 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, FT1                                                                    |
| 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: 0.395 Revision Date: 12-20-2022 |
|----------------------|--------------------------------------------------|

Part Numbers

Variants

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

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