# Product: 19510

Portable Cordage, 3 C #16 Str BC, PVC Ins, PVC Jkt, UL Type SJTOW-A

Request Sample

## Product Description

Portable Cordage, 3 Conductor 16AWG (65x34) Bare Copper, PVC Insulation, PVC Outer Jacket, UL Type SJTOW-A

## Technical Specifications

### Product Overview

| | |
|---|---|
| Suitable Applications: | Portable cordage and cordage |

### Construction Details

**Conductor**

| Element | Number of Element | Size | Stranding | Material |
|---|---|---|---|---|
| Conductor(s) | 3 | 16 | 65x34 | BC - Bare Copper |

**Insulation**

| Material | Nom. Thickness | Nom. Insulation Diameter | Color Code |
|---|---|---|---|
| PVC - Polyvinyl Chloride | 0.033 in (0.84 mm) | 0.124 in (3.15 mm) | Green/Yellow, Brown, Blue |

**Outer Jacket**

| Separator | Material | Nom. Thickness | Nom. Diameter |
|---|---|---|---|
| Paper Tape | PVC - Polyvinyl Chloride | 0.038 in (0.97 mm) | 0.34 in (8.6 mm) |

### Electrical Characteristics

**Electricals**

| Nom. Conductor DCR | Max. Current |
|---|---|
| 4.4 Ohm/1000ft | 13 Amps per Conductor at 25ºC (10 Amps over 50 ft) |
| | 10 Amps per Conductor at 25ºC (over 50 ft) |

**Voltage**

| UL Voltage Rating |
|---|
| 300 V |

### Mechanical Characteristics

**Temperature**

| UL Temperature | Operating |
|---|---|
| 60°C | -35°C To +105 °C |

**Bend Radius**

| Stationary Min. | Installation Min. |
|---|---|
| 3.4 in (86 mm) | 3.4 in (86 mm) |

| | |
|---|---|
| Max. Pull Tension: | 105.3 lbs (47.76 kg) |
| Bulk Cable Weight: | 64 lbs/1000ft |

### Standards and Compliance

| | |
|---|---|
| Environmental Suitability: | Outdoor, Oil Resistance |
| Flammability / Reaction to Fire: | VW-1, FT1 |
| NEC / UL Compliance: | Article 400, SJTOW |
| AWM Compliance: | SJTOW |
| 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: 0.440 Revision Date: 01-11-2022 |

## Part Numbers

**Variants**

| Item # | Color | Putup Type | Length | UPC |
|---|---|---|---|---|
| 19510 B59250 | Black, Matte | Reel | 250 ft | 612825127185 |

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