



Product: [19506](#)

Portable Cordage, 2 C #18 Str BC, PVC Ins, PVC Jkt, UL Type SJTOW

Request Sample

### Product Description

Portable Cordage, 2 Conductor 18AWG (42x34) Bare Copper, PVC Insulation, PVC Outer Jacket, UL Type SJTOW

### Technical Specifications

#### Construction Details

##### Conductor

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

##### Insulation

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

##### Outer Shield

| Material  |
|-----------|
| No Shield |

##### Outer Jacket

| Separator  | Material                 | Nom. Thickness     | Nom. Diameter |
|------------|--------------------------|--------------------|---------------|
| Paper Tape | PVC - Polyvinyl Chloride | 0.035 in (0.89 mm) | 0.29 in       |

Overall Cable Diameter (Nominal): 0.29 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) |

##### Voltage

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

#### Mechanical Characteristics

##### Temperature

| UL Temperature      | Operating                    |
|---------------------|------------------------------|
| 105°C Dry, 60°C Wet | -35°C To +60°C Wet/105°C Dry |

##### Bend Radius

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
| 2.9 in (74 mm)  | 2.9 in            |

|                    |                |
|--------------------|----------------|
| Max. Pull Tension: | 41 lbs (19 kg) |
| Bulk Cable Weight: | 38 lbs/1000ft  |

#### Standards and Compliance

|                                  |  |
|----------------------------------|--|
| Environmental Suitability:       | Indoor, Outdoor, Sunlight Resistance, Oil Resistance                         |
| Flammability / Reaction to Fire: | VW-1   |
| NEC / UL Compliance:             | Article 400, SJTOW   |
| AWM Compliance:                  | SJTOW  |
| CEC / C(UL) Compliance:          | LL7874   |
| 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: | Jacket is Oil Resistant |
|--------|-------------------------|

## History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.394 Revision Date: 02-03-2025 |
|----------------------|--|

## Part Numbers

### Variants

| Item #       | Color        | Putup Type | Length | UPC          | Footnote |
|--------------|--------------|------------|--------|--------------|----------|
| 19506 B59250 | Black, Matte | Reel       | 250 ft | 612825127147 | C        |

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