



**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: 0.395 Revision Date: 09-07-2025 |
|----------------------|--------------------------------------------------|

Part Numbers

Variants

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

|           |                        |
|-----------|------------------------|
| Footnote: | C - CRATE REEL PUT-UP. |
|-----------|------------------------|

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