



Product: [19511](#)

Portable Cordage, 3 C #14 Str BC, PVC Ins, PVC Jkt, UL Type SJTOW

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Product Description

Portable Cordage, 3 Conductor 14AWG (41x30) Bare Copper, PVC Insulation, PVC Outer Jacket, UL Type SJTOW

Technical Specifications

Product Overview

|                        |                                                              |
|------------------------|--------------------------------------------------------------|
| Suitable Applications: | Portable cordage for supplying power to appliances and tools |
|------------------------|--------------------------------------------------------------|

Construction Details

Conductor

| Element      | Number of Element | AWG | Stranding | Material         | Notes   |
|--------------|-------------------|-----|-----------|------------------|---------|
| Conductor(s) | 3                 | 14  | 41x30     | BC - Bare Copper | 2.08mm2 |

Insulation

| Element      | Material                 | Thickness          | Color Code                      |
|--------------|--------------------------|--------------------|---------------------------------|
| Conductor(s) | PVC - Polyvinyl Chloride | 0.033 in (0.84 mm) | Light Blue, Brown, Green/Yellow |

Outer Jacket

| Separator  | Material                 | Thickness         | Nom. Diameter |
|------------|--------------------------|-------------------|---------------|
| Paper Tape | PVC - Polyvinyl Chloride | 0.040 in (1.0 mm) | 0.380 in      |

|                           |                    |
|---------------------------|--------------------|
| Cable Diameter (Nominal): | 0.380 in (9.65 mm) |
|---------------------------|--------------------|

Electrical Characteristics

Electricals

| Element      | Max. Current                                                           |
|--------------|------------------------------------------------------------------------|
| Conductor(s) | 18 Amps per conductor @ 25°C; 13 Amps per conductor @ 25°C over 50 ft. |

Voltage

| UL Voltage Rating  |
|--------------------|
| 300 V (Type SJTOW) |

Mechanical Characteristics

Temperature

| UL Rating | Operatng      |
|-----------|---------------|
| 105°C     | -35°C to +105 |

Bend Radius

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
| 3.8 in (97 mm)  | 3.8 in (97 mm)    |

|                    |                           |
|--------------------|---------------------------|
| Bulk Cable Weight: | 87 lbs/1000ft (130 kg/km) |
|--------------------|---------------------------|

Standards and Compliance

|                            |                         |
|----------------------------|-------------------------|
| Environmental Suitability: | Outdoor, Oil Resistance |
|----------------------------|-------------------------|

|                                 |                                                                              |
|---------------------------------|------------------------------------------------------------------------------|
| Flammability / Fire Resistance: | VW-1, FT1                                                                    |
| NEC / UL Compliance:            | 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: 0.354 Revision Date: 07-30-2021 |
|----------------------|--------------------------------------------------|

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