



Product: [19227](#)

Portable Cordage, 2 C #18 Str BC, EPDM Ins, CPE Jkt, UL Type SJO

Request Sample

Product Description

Portable Cordage, 2 Conductor 18AWG (16x30) Bare Copper, EPDM Insulation, CPE Outer Jacket, UL Type SJO

Technical Specifications

Construction Details

Conductor

| Element      | No. of Elements | Size   | Stranding | Material         |
|--------------|-----------------|--------|-----------|------------------|
| Conductor(s) | 2               | 18 AWG | 16x30     | BC - Bare Copper |

Insulation

| Element      | Material                                | Nom. Thickness     | Nom. Insulation Diameter | Color Code   |
|--------------|---|--------------------|--------------------------|--------------|
| Conductor(s) | EPDM - Ethylene Propylene Diene Monomer | 0.031 in (0.79 mm) | 0.110 in (2.79 mm)       | Black, White |

Outer Shield

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

Outer Jacket

| Separator  | Material                                   | Nom. Thickness     | Nom. Diameter |
|------------|--|--------------------|---------------|
| Paper Tape | CPE - Chlorinated Polyethylene (Thermoset) | 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      |
|----------------|----------------|
| 90°C           | -20°C To +90°C |

Bend Radius

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

|                    |                    |
|--------------------|--------------------|
| Max. Pull Tension: | 41.6 lbs (18.9 kg) |
| Bulk Cable Weight: | 44 lbs/1000ft      |

Standards and Compliance

|                                |  |
|--------------------------------|--|
| Environmental Suitability:     | Indoor, Oil Resistance   |
| NEC / UL Compliance:           | Article 400, SJO   |
| AWM Compliance:                | SJO  |
| 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)  |

History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.382 Revision Date: 02-15-2024 |
|----------------------|--|

Part Numbers

Variants

| Item #       | Color | Putup Type | Length | UPC          | Footnote |
|--------------|-------|------------|--------|--------------|----------|
| 19227 010250 | Black | Reel       | 250 ft | 612825126850 | C F      |

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