



Product: [19129](#)

Portable Cordage, 3 C #18 Str BC, EPDM Ins, Rubber Jkt, UL Type SJ

[Request Sample](#)

Product Description

Portable Cordage, 3 Conductor 18AWG (16x30) Bare Copper, EPDM Insulation, Rubber Outer Jacket, UL Type SJ

Technical Specifications

Construction Details

Conductor

| Element      | No. of Elements | Size   | Stranding | Material         |
|--------------|-----------------|--------|-----------|------------------|
| Conductor(s) | 3               | 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 mm              | Black, White, Green |

Outer Shield

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

Outer Jacket

| Separator  | Material                       | Nom. Thickness    | Nom. Diameter |
|------------|--------------------------------|-------------------|---------------|
| Paper Tape | SBR - Styrene Butadiene Rubber | 0.044 in (1.1 mm) | 0.328 in      |

|                                   |          |
|-----------------------------------|----------|
| Overall Cable Diameter (Nominal): | 0.328 in |
|-----------------------------------|----------|

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Max. Current                                      |
|--------------------|---------------------------------------------------|
| 6.7 Ohm/1000ft     | 15 Amps per Conductor at 25°C (7 Amps over 50 ft) |
|                    | 7 Amps per Conductor at 25°C (over 50 ft)         |

Voltage

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

Mechanical Characteristics

Temperature

| UL Temperature | Operating     |
|----------------|---------------|
| 60°C           | -25°C to 60°C |

Bend Radius

| Stationary Min.   | Installation Min. |
|-------------------|-------------------|
| 3.28 in (83.3 mm) | 3.28 in           |

|                    |                    |
|--------------------|--------------------|
| Max. Pull Tension: | 62.4 lbs (28.3 kg) |
| Bulk Cable Weight: | 55 lbs/1000ft      |

Standards and Compliance

|                                  |                                                                              |
|----------------------------------|------------------------------------------------------------------------------|
| Flammability / Reaction to Fire: | FT2                                                                          |
| NEC / UL Compliance:             | Article 400, SJ                                                              |
| 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: | Cabling paper separator tape |
|--------|------------------------------|

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.392 Revision Date: 05-05-2023 |
|----------------------|--------------------------------------------------|

Part Numbers

Variants

| Item #       | Color | Putup Type | Length | UPC          | Footnote |
|--------------|-------|------------|--------|--------------|----------|
| 19129 010250 | Black | Reel       | 250 ft | 612825126676 | C F      |

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