



Product: [19109](#)

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

[Request Sample](#)

Product Description

Portable Cordage, 3 Conductor 18AWG (42x34) Bare Copper, EPDM Insulation, Rubber Outer Jacket, UL Type S

Technical Specifications

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material         | No. of Conductors |
|-----|-----------|------------------|-------------------|
| 18  | 42x34     | BC - Bare Copper | 3                 |

Conductor Count: 3

Insulation

| Material                                | Nominal Wall Thickness |
|-----------------------------------------|------------------------|
| EPDM - Ethylene Propylene Diene Monomer | 0.032 in               |

Color Chart

| Color |
|-------|
| Black |
| White |
| Green |

Outer Shield Material

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

Outer Jacket Material

| Material                       | Nominal Diameter | Nominal Wall Thickness | Separator Material |
|--------------------------------|------------------|------------------------|--------------------|
| SBR - Styrene Butadiene Rubber | 0.38 in          | 0.065 in               | Cotton Serve       |

Construction and Dimensions

|                  |   |
|------------------|---|
| Type of Cordage: | S |
|------------------|---|

Cabling

| Filler |
|--------|
| Jute   |

Electrical Characteristics

Current

| Max. Recommended Current [A]                      |
|---------------------------------------------------|
| 10 Amps per Conductor at 25°C (7 Amps over 50 ft) |

Voltage

| Dielectric Withstand Voltage | UL Voltage Rating |
|------------------------------|-------------------|
| 2000 V AC Applied for 1 min. | 600 V RMS         |

|                                   |                              |
|-----------------------------------|------------------------------|
| Electrical Characteristics Notes: | 2000 V AC Applied for 1 min. |
|-----------------------------------|------------------------------|

Temperature Range

|                     |      |
|---------------------|------|
| Non-UL Temp Rating: | 60°C |
| UL Temp Rating:     | 60°C |

Mechanical Characteristics

|                             |               |
|-----------------------------|---------------|
| Bulk Cable Weight:          | 75 lbs/1000ft |
| Min Bend Radius/Minor Axis: | 4 in          |

Standards

|                      |   |
|----------------------|---|
| NEC/(UL) Compliance: | S |
| CSA AWM Compliance:  | S |

Applicable Environmental and Other Programs

|                                    |                               |
|------------------------------------|-------------------------------|
| EU Directive 2000/53/EC (ELV):     | Yes                           |
| EU Directive 2003/96/EC (BFR):     | Yes                           |
| EU Directive 2011/65/EU (ROHS II): | Yes                           |
| EU Directive 2012/19/EU (WEEE):    | Yes                           |
| EU Directive Compliance:           | EU Directive 2003/11/EC (BFR) |
| EU CE Mark:                        | Yes                           |
| MII Order #39 (China RoHS):        | Yes                           |

Flammability, LSOH, Toxicity Testing

|                    |           |
|--------------------|-----------|
| UL voltage rating: | 600 V RMS |
|--------------------|-----------|

Part Number

Variants

| Item #       | Color                                                                      | Putup Type | Length | UPC          |
|--------------|----------------------------------------------------------------------------|------------|--------|--------------|
| 19109 010250 | Black                                                                      | Reel       | 250 ft | 612825126515 |
| Footnote:    | C - CRATE REEL PUT-UP.                                                     |            |        |              |
| Footnote:    | F - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'. |            |        |              |

Product Notes

|        |                                |
|--------|--------------------------------|
| Notes: | Cabling Cotton Serve Separator |
|--------|--------------------------------|

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.305 Revision Date: 06-08-2020 |
|----------------------|--------------------------------------------------|

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