



Product: [19105](#)

Portable Cordage, 3 C #10 Str BC, EPDM Ins, Rubber Jkt, UL Type S

[Request Sample](#)

Product Description

Portable Cordage, 3 Conductor 10AWG (105x30) Bare Copper, EPDM Insulation, Rubber Outer Jacket, UL Type S

Technical Specifications

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | No. of Conductors |
|-----|-----------|------------------|-------------------|
| 10 | 105x30 | BC - Bare Copper | 3 |

Conductor Count:

Insulation

| Material | Nominal Wall Thickness |
|---|------------------------|
| EPDM - Ethylene Propylene Diene Monomer | 0.05 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 | 0.681 in | 0.099 in | Paper Tape |

Construction and Dimensions

Type of Cordage:

Cabling

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

Electrical Characteristics

Current

| Max. Recommended Current [A] |
|--|
| 30 Amps per Conductor at 25°C (25 Amps over 50 ft) |
| 25 Amps per Conductor at 25°C (over 50 ft) |

Voltage

| Dielectric Withstand Voltage | UL Voltage Rating |
|------------------------------|-------------------|
| 3000 V AC Applied For 1 Min. | 600 V RMS |

| | |
|-----------------------------------|--|
| Electrical Characteristics Notes: | Dielectric Withstand Voltage: 3000 V AC Applied For 1 Min. |
|-----------------------------------|--|

Temperature Range

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

Mechanical Characteristics

| | |
|-----------------------------|----------------|
| Bulk Cable Weight: | 288 lbs/1000ft |
| Min Bend Radius/Minor Axis: | 7 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 2015/863/EU: | Yes |
| EU Directive Compliance: | EU Directive 2003/11/EC (BFR) |
| EU CE Mark: | Yes |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2005-10-13 |
| MII Order #39 (China RoHS): | Yes |

Flammability, LSOH, Toxicity Testing

| | |
|--------------------|-----------|
| CSA Flammability: | FT2 |
| UL voltage rating: | 600 V RMS |

Plenum/Non-Plenum

| | |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

Part Number

Variants

| Item # | Color | Putup Type | Length | UPC |
|--------------|-------|------------|--------|--------------|
| 19105 010250 | Black | Reel | 250 ft | 612825126478 |

| | |
|-----------|--|
| Footnote: | C - CRATE REEL PUT-UP. |
| Footnote: | F - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'. |

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.306 Revision Date: 06-08-2020 |
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