



**Product:** [19205](#)

Portable Cordage, 3 C #10 Str BC, EPDM Ins, CPE Jkt, UL Type SO

[Request Sample](#)

**Product Description**

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

**Technical Specifications**

**Construction Details**

Conductor

| Element      | No. of Elements | Size   | Stranding | Material         |
|--------------|-----------------|--------|-----------|------------------|
| Conductor(s) | 3               | 10 AWG | 105x30    | BC - Bare Copper |

Insulation

| Element      | Material                                | Nom. Thickness   | Nom. Insulation Diameter | Color Code          |
|--------------|-----------------------------------------|------------------|--------------------------|---------------------|
| Conductor(s) | EPDM - Ethylene Propylene Diene Monomer | 0.05 in (1.3 mm) | 0.224 in (5.69 mm)       | Black, White, Green |

Outer Shield

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

Outer Jacket

| Separator  | Material                                   | Nom. Thickness    | Nom. Diameter |
|------------|--------------------------------------------|-------------------|---------------|
| Paper Tape | CPE - Chlorinated Polyethylene (Thermoset) | 0.099 in (2.5 mm) | 0.681 in      |

|                                   |          |
|-----------------------------------|----------|
| Overall Cable Diameter (Nominal): | 0.681 in |
|-----------------------------------|----------|

**Electrical Characteristics**

Electricals

| Nom. Conductor DCR | Max. Current                                       |
|--------------------|----------------------------------------------------|
| 1.09 Ohm/1000ft    | 30 Amps per Conductor at 25°C (25 Amps over 50 ft) |

Voltage

| UL Voltage Rating |
|-------------------|
| 600 V             |

**Mechanical Characteristics**

Temperature

| UL Temperature | Operating      |
|----------------|----------------|
| 90°C           | -20°C To +90°C |

Bend Radius

| Stationary Min.  | Installation Min. |
|------------------|-------------------|
| 6.81 in (173 mm) | 6.81 in           |

|                    |                      |
|--------------------|----------------------|
| Max. Pull Tension: | 409.5 lbs (185.7 kg) |
| Bulk Cable Weight: | 293 lbs/1000ft       |

Standards and Compliance

|                                |                                                                              |
|--------------------------------|------------------------------------------------------------------------------|
| Environmental Suitability:     | Indoor, Oil Resistance                                                       |
| NEC / UL Compliance:           | Article 400, SO                                                              |
| AWM Compliance:                | SO                                                                           |
| CEC / C(UL) Compliance:        | LL7874                                                                       |
| European Directive Compliance: | EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE) |

Product Notes

|        |                                                |
|--------|------------------------------------------------|
| Notes: | Overall Cabling Separator Material: Paper Tape |
|--------|------------------------------------------------|

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.384 Revision Date: 02-03-2025 |
|----------------------|--------------------------------------------------|

Part Numbers

Variants

| Item #       | Color | Putup Type | Length | UPC          | Footnote |
|--------------|-------|------------|--------|--------------|----------|
| 19205 010250 | Black | Reel       | 250 ft | 612825126775 | C F      |

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