



Product: [9420](#)

Portable Cordage, 5 C #16 Str BC, EPDM Ins, CPE Jkt, UL Type SO

[Request Sample](#)

Product Description

Portable Cordage, 5 Conductor 16AWG (65x34) Bare Copper, EPDM Insulation, CPE Outer Jacket, UL Type SO

Technical Specifications

Product Overview

|                        |                                                                                       |
|------------------------|---------------------------------------------------------------------------------------|
| Suitable Applications: | extra hard service cordage; oil resistant applications; to power tools and appliances |
|------------------------|---------------------------------------------------------------------------------------|

Construction Details

Conductor

| Element      | No. of Elements | Size   | Stranding | Material         |
|--------------|-----------------|--------|-----------|------------------|
| Conductor(s) | 5               | 16 AWG | 65x34     | BC - Bare Copper |

Insulation

| Element      | Material                                | Nom. Thickness     | Nom. Insulation Diameter | Color Code                       |
|--------------|-----------------------------------------|--------------------|--------------------------|----------------------------------|
| Conductor(s) | EPDM - Ethylene Propylene Diene Monomer | 0.033 in (0.84 mm) | 0.123 in (3.12 mm)       | Green, Red, Orange, White, Black |

Outer Shield

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

Outer Jacket

| Separator  | Material                                   | Nom. Thickness    | Nom. Diameter |
|------------|--------------------------------------------|-------------------|---------------|
| Paper Tape | CPE - Chlorinated Polyethylene (Thermoset) | 0.084 in (2.1 mm) | 0.506 in      |

|                                   |          |
|-----------------------------------|----------|
| Overall Cable Diameter (Nominal): | 0.506 in |
|-----------------------------------|----------|

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Max. Current                  |
|--------------------|-------------------------------|
| 4.4 Ohm/1000ft     | 10 Amps per Conductor at 25°C |

Voltage

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

Mechanical Characteristics

Temperature

| UL Temperature | Operating      |
|----------------|----------------|
| 60°C           | -20°C To +60°C |

Bend Radius

| Stationary Min.  | Installation Min. |
|------------------|-------------------|
| 5.06 in (129 mm) | 5.06 in           |

|                    |                      |
|--------------------|----------------------|
| Max. Pull Tension: | 162.5 lbs (73.71 kg) |
| Bulk Cable Weight: | 133 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) |
| APAC Compliance:               | China RoHS II (GB/T 26572-2011)                                              |

Product Notes

|        |                                                                         |
|--------|-------------------------------------------------------------------------|
| Notes: | Surface Printing: "16-5 SO 60°C (UL) E3462 CSA LL7874 16-5 SO 60°C FT2" |
|--------|-------------------------------------------------------------------------|

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.385 Revision Date: 02-03-2025 |
|----------------------|--------------------------------------------------|

Part Numbers

Variants

| Item #       | Color | UPC          | Footnote |
|--------------|-------|--------------|----------|
| 9420 010100  | Black | 612825240723 |          |
| 9420 0101000 | Black | 612825240730 | C        |

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