



Product: [9429](#)

Portable Cordage, 20 C #16 Str BC, EPDM Ins, CPE Jkt, UL Type SO

[Request Sample](#)

Product Description

Portable Cordage, 20 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) | 20 | 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) | Black, White, Red, Green, Orange, Blue, White/Black, Red/Black, Green/Black, Orange/Black, Blue/Black, Black/White, Red/White, Green/White, Blue/White, Black/Red, White/Red, Orange/Red, Blue/Red, Red/Green |

Outer Shield

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

Outer Jacket

| Separator | Material | Nom. Thickness | Nom. Diameter | Ripcord |
|------------|--|-----------------|---------------|---------|
| Paper Tape | CPE - Chlorinated Polyethylene (Thermoset) | 0.1 in (2.5 mm) | 0.862 in | Yes |

| | |
|-----------------------------------|----------|
| Overall Cable Diameter (Nominal): | 0.862 in |
|-----------------------------------|----------|

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Max. Current |
|--------------------|------------------------------|
| 4.4 Ohm/1000ft | 6 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. |
|------------------|-------------------|
| 8.62 in (219 mm) | 8.62 in |

| | |
|--------------------|------------------|
| Max. Pull Tension: | 650 lbs (290 kg) |
| Bulk Cable Weight: | 445 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) |

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.353 Revision Date: 05-05-2023 |
|----------------------|--|

Part Numbers

Variants

| Item # | Color | UPC | Footnote |
|-------------|-------|--------------|----------|
| 9429 010500 | Black | 612825244998 | C |

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