



Product: [8452](#)

Portable Cordage, 2 C #18 Str BC, EPDM Ins, Rubber Jkt, UL Type SV

[Request Sample](#)

Product Description

Portable Cordage, 2 Conductor 18AWG (42x34) Bare Copper, EPDM Insulation, Rubber Outer Jacket, UL Type SV

Technical Specifications

Construction Details

Conductor

| Element      | No. of Elements | Size   | Stranding | Material         |
|--------------|-----------------|--------|-----------|------------------|
| Conductor(s) | 2               | 18 AWG | 42x34     | BC - Bare Copper |

Insulation

| Element      | Material                                | Nom. Thickness     | Nom. Insulation Diameter | Color Code   |
|--------------|-----------------------------------------|--------------------|--------------------------|--------------|
| Conductor(s) | EPDM - Ethylene Propylene Diene Monomer | 0.017 in (0.43 mm) | 0.081 in (2.1 mm)        | Black, White |

Outer Shield

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

Outer Jacket

| Separator    | Material                       | Nom. Thickness     | Nom. Diameter |
|--------------|--------------------------------|--------------------|---------------|
| Cotton Serve | SBR - Styrene Butadiene Rubber | 0.037 in (0.94 mm) | 0.245 in      |

|                                   |          |
|-----------------------------------|----------|
| Overall Cable Diameter (Nominal): | 0.245 in |
|-----------------------------------|----------|

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Max. Current                                      |
|--------------------|---------------------------------------------------|
| 6.97 Ohm/1000ft    | 10 Amps per Conductor at 25°C (7 Amps over 50 ft) |

Voltage

| UL Voltage Rating |
|-------------------|
| 300 V             |

Mechanical Characteristics

Temperature

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

Bend Radius

| Stationary Min.   | Installation Min. |
|-------------------|-------------------|
| 2.45 in (62.2 mm) | 2.45 in           |

|                    |                |
|--------------------|----------------|
| Max. Pull Tension: | 41 lbs (19 kg) |
| Bulk Cable Weight: | 34 lbs/1000ft  |

Standards and Compliance

|                                |                                                                              |
|--------------------------------|------------------------------------------------------------------------------|
| Environmental Suitability:     | Indoor                                                                       |
| NEC / UL Compliance:           | Article 400, SV                                                              |
| AWM Compliance:                | SV                                                                           |
| 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: | Jacket Finish: Serrated (45 Serrations - 8 Degrees Apart) |
|--------|-----------------------------------------------------------|

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.392 Revision Date: 02-15-2024 |
|----------------------|--------------------------------------------------|

Part Numbers

Variants

| Item #       | Color | Putup Type | Length   | UPC          | Footnote |
|--------------|-------|------------|----------|--------------|----------|
| 8452 010250  | Black | Reel       | 250 ft   | 612825207795 |          |
| 8452 010500  | Black | Reel       | 500 ft   | 612825207801 | C        |
| 8452 010U500 | Black | Reel       | 500 ft   | 612825207771 |          |
| 8452 0101000 | Black | Reel       | 1,000 ft | 612825207788 | C        |

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