



Product: [8453](#)

Portable Cordage, 3 C #18 Str TC, EPDM Ins, Rubber Jkt, UL Type SV

[Request Sample](#)

Product Description

Portable Cordage, 3 Conductor 18AWG (41x34) Tinned Copper, EPDM Insulation, Rubber Outer Jacket, UL Type SV

Technical Specifications

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material           | No. of Conductors |
|-----|-----------|--------------------|-------------------|
| 18  | 41x34     | TC - Tinned Copper | 3                 |

Conductor Count: 3

Insulation

| Material                                       | Nominal Wall Thickness |
|------------------------------------------------|------------------------|
| EPDM - Ethylene Propylene Diene Monomer Rubber | 0.018 in               |

Color Chart

| Color |
|-------|
| Black |
| White |
| Green |

Outer Shield Material

| Material   |
|------------|
| Unshielded |

Outer Jacket Material

| Material | Nominal Diameter | Nominal Wall Thickness | Separator Material |
|----------|------------------|------------------------|--------------------|
| Rubber   | 0.256 in         | 0.036 in               | Cotton Serve       |

Construction and Dimensions

Type of Cordage: SV

Cabling

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

Electrical Characteristics

Current

| Max. Recommended Current [A]                                         |
|----------------------------------------------------------------------|
| 10 Amps per conductor @ 25°C, 7 Amps per conductor @ 25°C over 50 ft |
| 7 Amps per conductor @ 25°C over 50 ft.                              |

Voltage

| Dielectric Withstand Voltage | UL Voltage Rating |
|------------------------------|-------------------|
| 1500 V AC Applied for 1 Min. | 300 V RMS         |

|                                   |                                                           |
|-----------------------------------|-----------------------------------------------------------|
| Electrical Characteristics Notes: | Dielectric Withstand Voltage: 1500 V AC Applied for 1 Min |
|-----------------------------------|-----------------------------------------------------------|

Temperature Range

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

Mechanical Characteristics

|                    |               |
|--------------------|---------------|
| Bulk Cable Weight: | 42 lbs/1000ft |
|--------------------|---------------|

Standards

|                         |    |
|-------------------------|----|
| NEC/(UL) Specification: | SV |
| CSA AWM Specification:  | SV |

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 Compliance:              | EU Directive 2003/11/EC (BFR) |
| EU CE Mark:                           | Yes                           |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2005-10-13                    |
| CA Prop 65 (CJ for Wire & Cable):     | Yes                           |
| MII Order #39 (China RoHS):           | Yes                           |

Flammability, LSOH, Toxicity Testing

|                    |           |
|--------------------|-----------|
| CSA Flammability:  | FT2       |
| UL voltage rating: | 300 V RMS |

Plenum/Non-Plenum

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

Part Number

Variants

| Item #      | Color | UPC          | Length | Footnote |
|-------------|-------|--------------|--------|----------|
| 8453 010100 | Black | 612825207818 | 100 ft |          |
| 8453 010500 | Black | 612825207825 | 500 ft | C        |

|           |                        |
|-----------|------------------------|
| Footnote: | C - CRATE REEL PUT-UP. |
|-----------|------------------------|

Product Notes

|        |                                 |
|--------|---------------------------------|
| Notes: | Cotton Serve Separator Material |
|--------|---------------------------------|

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.297 Revision Date: 12-19-2019 |
|----------------------|--------------------------------------------------|

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