



Product: [8454](#)

Portable Cordage, 4 C #18 Str TC, EPDM Ins, Rubber Jkt, UL AWM 4097

[Request Sample](#)

Product Description

Portable Cordage, 4 Conductor 18AWG (41x34) Tinned Copper, EPDM Insulation, Rubber Outer Jacket, UL AWM 4097

Technical Specifications

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | No. of Conductors |
|-----|-----------|--------------------|-------------------|
| 18 | 41x34 | TC - Tinned Copper | 4 |

Conductor Count:

Insulation

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

Color Chart

| Color |
|-------|
| Black |
| White |
| Brown |
| Red |

Outer Shield Material

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

Outer Jacket Material

| Material | Nominal Diameter | Nominal Wall Thickness | Separator Material |
|--------------------------------|------------------|------------------------|--------------------|
| SBR - Styrene Butadiene Rubber | 0.265 in | 0.0355 in | Paper Tape |

Construction and Dimensions

Cabling

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

Electrical Characteristics

Current

| Max. Recommended Current [A] |
|-------------------------------|
| 5.6 Amps per conductor @ 25°C |

Voltage

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

Temperature Range

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

Mechanical Characteristics

| | |
|----------------------------------|---------------|
| Bulk Cable Weight: | 50 lbs/1000ft |
| Max Recommended Pulling Tension: | 82 lbs |
| Min Bend Radius/Minor Axis: | 2.75 in |

Standards

| | |
|---------------|---------------|
| NEC Articles: | 800 |
| UL AWM Style: | UL Style 4097 |

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 2015/863/EU: | Yes |
| EU Directive Compliance: | EU Directive 2003/11/EC (BFR) |
| EU CE Mark: | Yes |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2005-10-13 |
| MII Order #39 (China RoHS): | Yes |

Flammability, LSOH, Toxicity Testing

| | |
|--------------------|-----------|
| UL voltage rating: | 300 V RMS |
|--------------------|-----------|

Plenum/Non-Plenum

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

Part Number

Variants

| Item # | Color | Putup Type | Length | UPC |
|---------------|-------|------------|----------|--------------|
| 8454 010100 | Black | Reel | 100 ft | 612825207856 |
| 8454 010500 | Black | Reel | 500 ft | 612825207870 |
| 8454 010U500 | Black | Reel | 500 ft | 612825207849 |
| 8454 0101000 | Black | Reel | 1,000 ft | 612825207863 |
| 8454 010U1000 | Black | Reel | 1,000 ft | 612825207832 |

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

Product Notes

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

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.298 Revision Date: 04-28-2020 |
|----------------------|--|

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