

# 3311 / 3279 / CL905

## INTERCONNECTION BATTERY CABLE



### Applications

Direct's 3311 / 3279 / CL905 is a versatile battery cable suitable for interconnection between terminals and starters or grounds. It is also commonly used in welding applications, motor leads, appliance wiring, and UPS systems. 3311 / 3279 / CL905 is UL and cRUus listed, CSA approved, RoHS compliant, and manufactured in the USA.

### Construction

- Rope-lay, bunch-stranded 30 AWG copper conductor; bare or tinned ASTM Class K copper
- Wrapped paper separator
- Jacketed with EPDM compound

See reverse for construction details and technical specifications

3311 / 3279 / CSA CL905 | INTERCONNECTION BATTERY CABLE

| AWG SIZE | # COND STRAND<br>/ DIAM(OR) GA | NOMINAL INSULATION THICKNESS |      | NOMINAL OUTSIDE DIAMETER(+JACKET) |       | APPROX LBS PER 1K' |
|----------|--------------------------------|------------------------------|------|-----------------------------------|-------|--------------------|
|          |                                | INCHES                       | MM   | INCHES                            | MM    |                    |
| #8       | 182 / 30                       | .080                         | 2.03 | .326                              | 8.28  | 92                 |
| #6       | 273 / 30                       | .080                         | 2.03 | .370                              | 9.40  | 128                |
| #4       | 429 / 30                       | .080                         | 2.03 | .420                              | 10.67 | 187                |
| #2       | 676 / 30                       | .080                         | 2.03 | .475                              | 12.07 | 267                |
| #1       | 845 / 30                       | .095                         | 2.41 | .544                              | 13.82 | 344                |
| 1 / 0    | 1,066 / 30                     | .095                         | 2.41 | .581                              | 14.76 | 416                |
| 2 / 0    | 1,339 / 30                     | .095                         | 2.41 | .630                              | 16.00 | 511                |
| 3 / 0    | 1,677 / 30                     | .095                         | 2.41 | .688                              | 17.48 | 628                |
| 4 / 0    | 2,109 / 30                     | .095                         | 2.41 | .746                              | 18.95 | 773                |
| 250 MCM  | 2,527 / 30                     | .095                         | 2.41 | .810                              | 20.57 | 926                |

All data and specifications contained herein are current and subject to change without notification. All values are nominal and/or approximate and may vary. All styles and standards dependent on conductor size.

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## TECHNICAL SPECIFICATIONS

### Construction

- |                     |  |
|---------------------|--|
| Conductors          | <ul style="list-style-type: none"><li>Rope-lay, bunch-stranded 30 AWG copper conductor; bare or tinned ASTM Class K copper</li></ul>   |
| Voltage Rating      | <ul style="list-style-type: none"><li>600 V</li></ul>  |
| Insulation & Jacket | <ul style="list-style-type: none"><li>Wrapped paper separator</li><li>Jacketed with EPDM compound</li><li>Resistant to abrasion, battery acid, crushing force, diesel fuel, engine coolant, engine oil, ethanol, extreme temperatures, flame, gasoline, power-steering fluid, and transmission fluid</li></ul> |
| Temperature Range   | <ul style="list-style-type: none"><li>3311; -50°C (-58°F) to 90°C (194°F)</li><li>3279; -50°C (-58°F) to 105°C (221°F)</li><li>CL905; -30°C (-22°F) to 90°C (194°F)</li></ul>  |

### Standards & Certifications

- |                    |   |  |
|--------------------|---|--|
| Industry Approvals | <ul style="list-style-type: none"><li>UL 758 Appliance Wiring Material</li><li>Meets battery cable requirements per:<ul style="list-style-type: none"><li>UL 558 and UL 583</li></ul></li><li>UL 1581 and 2556</li><li>CSA C22.2 No. 127 and No. 2556</li></ul> | <ul style="list-style-type: none"><li>ASTM B3, B33, B49, and B172</li><li>cRUus Listed</li><li>FT-1, FT-2, and VW-1</li><li>REACH, RoHS, CMRT, and Prop 65 Compliant</li></ul> |
|--------------------|---|--|

### Standard Stock

- |                   |  |
|-------------------|--|
| Available Lengths | <ul style="list-style-type: none"><li>Coils/Assemblies at 25', 50', 100', and 250'</li><li>Reels at 500', 1,000', and 2,500'</li><li>Custom lengths available upon request</li></ul> |
|-------------------|--|

### Customization

- |                     |  |
|---------------------|--|
| Jacket Colors       | <ul style="list-style-type: none"><li>● Black (standard) ● Blue ● Green ● Red ● Yellow ● Orange</li></ul>  |
| Sample Print Legend | <ul style="list-style-type: none"><li>{AWG Size} cRUus {E#} AWM 3311 90°C 3279 105°C 600V FT-2 VW-1 --- {AWG Size} cRUus {E#} CL905 90°C -30°C 600V FT-1</li></ul> |
| Marking Options     | <ul style="list-style-type: none"><li>Quick Print®; Surface Print; Indent Print; Logo/Icon; Sequential Marking</li></ul>   |

