



Voltage

600V or less

Construction

RHH or RHW-2 or USE-2 aluminum conductors are AA-8000 series Aluminum Alloy, compact stranded. Insulation is an abrasion, moisture, heat, and sunlight resistant black cross-linked polyethylene (XLP).

[Copper conductor is also available.](#)

Standard

RHH or RHW-2 or USE-2 conductors meet or exceed UL Standard 44 (for RHH or RHW-2), UL Standard 854 (for USE-2), Federal Specification A-A-59544, and requirements of the NEC. Or other standards required by customers.

Features

1. -40°C----90°C
2. Abrasion, high-Heat and Moisture and Sunlight Resistant.
3. VW-1 or higher required by UL.

Applications

1. RHH or RHW-2 or USE-2 conductors are used with conduit as specified in the NEC.
2. May also be used as underground service entrance cable, for direct burial, at conductor temperatures not to exceed 90°C.
3. When used as RHH, conductor temperatures shall not exceed 90°C in dry locations.
4. When used as RHW-2 or USE-2, conductor temperatures shall not exceed 90°C in wet or dry locations.

Package

steel & wooden reel, wooden reel, steel reel, in coils on wooden tray, or other requirements by customers.



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| WEIGHTS AND MEASUREMENTS | | | | | | |
|----------------------------------|-----------------------------------|--------------------------|-------------------|------|------|--|
| CONDUCTOR SIZE (AWG/kcmil) | INSULATION THICKNESS (mils) | NOMINAL O.D (mils) | AMPACITIES*(AMPS) | | | APPROX NET WEIGHT PER 1000 ft (lbs) |
| | | | 60°C | 75°C | 90°C | |
| 8 | 60 | 258 | 30 | 40 | 45 | 36 |
| 6 | 60 | 293 | 40 | 50 | 60 | 49 |
| 4 | 60 | 337 | 55 | 65 | 75 | 65 |
| 2 | 60 | 392 | 75 | 90 | 100 | 94 |
| 1 | 80 | 463 | 85 | 100 | 115 | 126 |
| 1/0 | 80 | 500 | 100 | 120 | 135 | 151 |
| 2/0 | 80 | 540 | 115 | 135 | 150 | 182 |
| 3/0 | 80 | 587 | 130 | 155 | 175 | 221 |
| 4/0 | 80 | 639 | 150 | 180 | 205 | 269 |
| 250 | 95 | 714 | 170 | 205 | 230 | 326 |
| 300 | 95 | 764 | 190 | 230 | 255 | 381 |
| 350 | 95 | 810 | 210 | 250 | 280 | 435 |
| 400 | 95 | 853 | 225 | 270 | 305 | 488 |
| 500 | 95 | 930 | 260 | 310 | 350 | 595 |
| 700 | 110 | 1101 | 310 | 375 | 420 | 829 |
| 750 | 110 | 1132 | 320 | 385 | 435 | 881 |
| 1000 | 110 | 1284 | 375 | 445 | 500 | 1145 |

* Ampacities based on CEC Part 1, Table 4 for not more than three conductors in raceway. For underground installations, refer to CEC, Rule 4-004 for Ampacity rating.

*All values are nominal and subject to correction