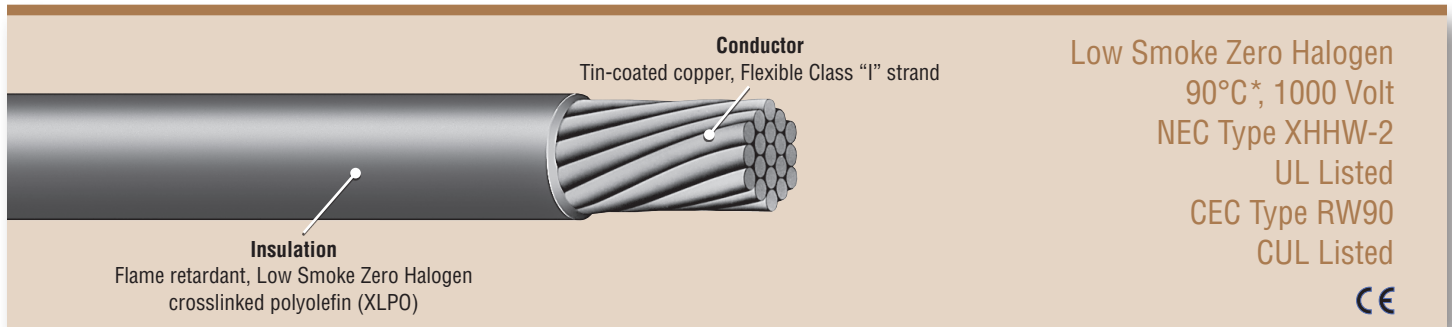


Rock-Tuff® ZHF XHHW-2/RW90 Industrial Power Cable

RSCC Industrial Cable
www.r-scc.com



Features

- Low Smoke Zero Halogen design
- RoHS compliant insulation
- Thermoset insulation for enhanced thermal stability
- Specially formulated insulation for superior long term water resistance
- Superior flame retardance
- Excellent mechanical properties
- Tin-coated copper conductors for improved terminations and corrosion resistance
- Reduced size and weight for increased raceway capacity
- Easy strippability
- Low friction surface for reduced pulling tension

Performance Standards

- Insulation in accordance with ICEA, UL, and CSA standards
- UL listed type XHHW-2 (UL 44) in accordance with NEC
- CUL listed type RW90 (CSA 22.2 No. 38) in accordance with CEC
- Passes IEEE 1202/FT4 vertical tray flame test and ICEA 70,000 BTU/hr vertical tray flame test (T-30-520)
- Passes UL VW-1**
- Passes vertical flame test Type A as defined in ICEA S-95-658-1999 sec. 6.8.2
- UL and CUL listed Type ST1 (limited smoke) per UL 1277, UL 1685, and UL 2556
- UL Listed for sunlight resistance (Black Only)
- UL and CUL approved 90°C for both wet and dry locations
- UL and CUL Listed as gasoline and oil resistant
- Rated for CT Use 1/0 AWG and larger

Construction

Conductor: Annealed, tin-coated copper, Flexible Class "I" strand per ASTM B-8 & B-33

Insulation: Flame retardant low Smoke Zero Halogen crosslinked polyolefin

Separator tape: Helically applied polyester (where required)

Color: Black (Also available in pigmented colors or colored stripes)

*Rated 90°C for normal operation in wet and dry locations, 130°C for emergency overload conditions, and 250°C for short circuit conditions.

**#10 AWG and larger

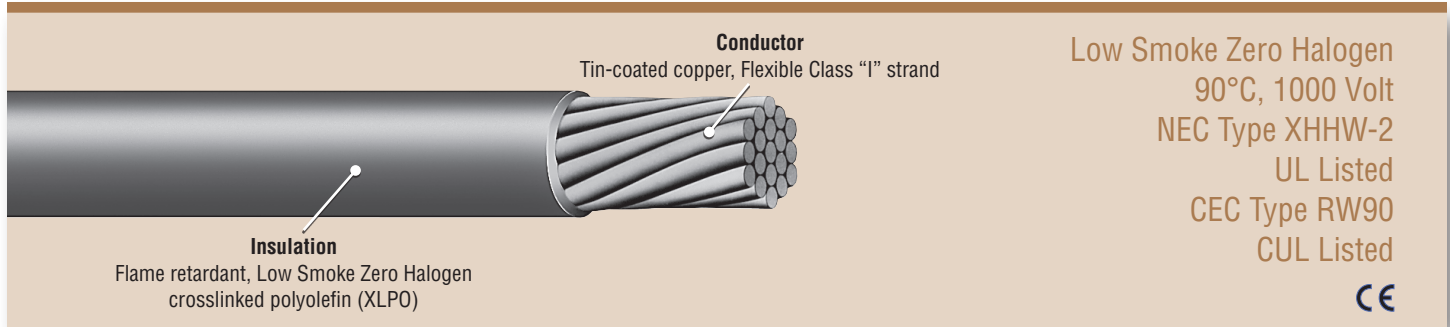


Made in the USA



Marmon Electrical
A Berkshire Hathaway Company

Rock-Tuff® ZHF XHHW-2/RW90 Industrial Power Cable



| Product Code | Conductor Size | Number of Strands | Conductor OD | | Insulation Thickness | | Nominal Overall Diameter | | Approximate Net Weight (Lbs/M') | Ampacity* |
|---------------|----------------|-------------------|--------------|-------|----------------------|------|--------------------------|-------|---------------------------------|-----------|
| | | | (Inch) | (mm) | (Inch) | (mm) | (Inch) | (mm) | | |
| RTZHF-10-1KV | 10 AWG | 27 | 0.116 | 2.95 | 0.030 | 0.76 | 0.178 | 4.52 | 45 | 55 |
| RTZHF-8-1KV | 8 AWG | 37 | 0.138 | 3.51 | 0.045 | 1.14 | 0.232 | 5.89 | 63 | 80 |
| RTZHF-6-1KV | 6 AWG | 61 | 0.185 | 4.70 | 0.045 | 1.14 | 0.284 | 7.21 | 103 | 105 |
| RTZHF-4-1KV | 4 AWG | 105 | 0.26 | 6.60 | 0.045 | 1.14 | 0.356 | 9.04 | 169 | 140 |
| RTZHF-3-1KV | 3 AWG | 126 | 0.28 | 7.11 | 0.045 | 1.14 | 0.381 | 9.68 | 199 | 165 |
| RTZHF-2-1KV | 2 AWG | 150 | 0.315 | 8.00 | 0.045 | 1.14 | 0.411 | 10.44 | 229 | 190 |
| RTZHF-1-1KV | 1 AWG | 225 | 0.385 | 9.78 | 0.055 | 1.40 | 0.501 | 12.73 | 346 | 220 |
| RTZHF-1/0-1KV | 1/0 AWG | 275 | 0.41 | 10.41 | 0.055 | 1.40 | 0.541 | 13.74 | 413 | 260 |
| RTZHF-2/0-1KV | 2/0 AWG | 325 | 0.44 | 11.18 | 0.055 | 1.40 | 0.556 | 14.12 | 460 | 300 |
| RTZHF-3/0-1KV | 3/0 AWG | 450 | 0.545 | 13.84 | 0.055 | 1.40 | 0.661 | 16.79 | 660 | 350 |
| RTZHF-4/0-1KV | 4/0 AWG | 550 | 0.57 | 14.48 | 0.055 | 1.40 | 0.686 | 17.42 | 762 | 405 |
| RTZHF-250-1KV | 250 KCMIL | 627 | 0.615 | 15.62 | 0.065 | 1.65 | 0.748 | 19.00 | 918 | 455 |
| RTZHF-262-1KV | 262 KCMIL | 646 | 0.627 | 15.93 | 0.065 | 1.65 | 0.761 | 19.32 | 901 | 460 |
| RTZHF-350-1KV | 350 KCMIL | 888 | 0.752 | 19.10 | 0.065 | 1.65 | 0.886 | 22.50 | 1210 | 570 |
| RTZHF-500-1KV | 500 KCMIL | 1221 | 0.880 | 22.35 | 0.065 | 1.65 | 1.013 | 25.73 | 1640 | 700 |
| RTZHF-600-1KV | 600 KCMIL | 1480 | 0.970 | 24.64 | 0.080 | 2.03 | 1.134 | 28.80 | 2049 | 780 |
| RTZHF-646-1KV | 646 KCMIL | 1591 | 0.987 | 25.07 | 0.080 | 2.03 | 1.151 | 29.23 | 2146 | 815 |
| RTZHF-750-1KV | 750 KCMIL | 1850 | 1.072 | 27.23 | 0.080 | 2.03 | 1.236 | 31.39 | 2481 | 885 |

* Ampacities are based on NEC NFPA 70-2020 Table 310.17 at 30°C Ambient in Free Air.

NOTE: See NEC NFPA 70 -2020 Table 310.16 for Ampacities for not more than Three Current-Carrying Conductors in Raceway, Cable, or Earth (Direct Buried) at 30°C Ambient



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