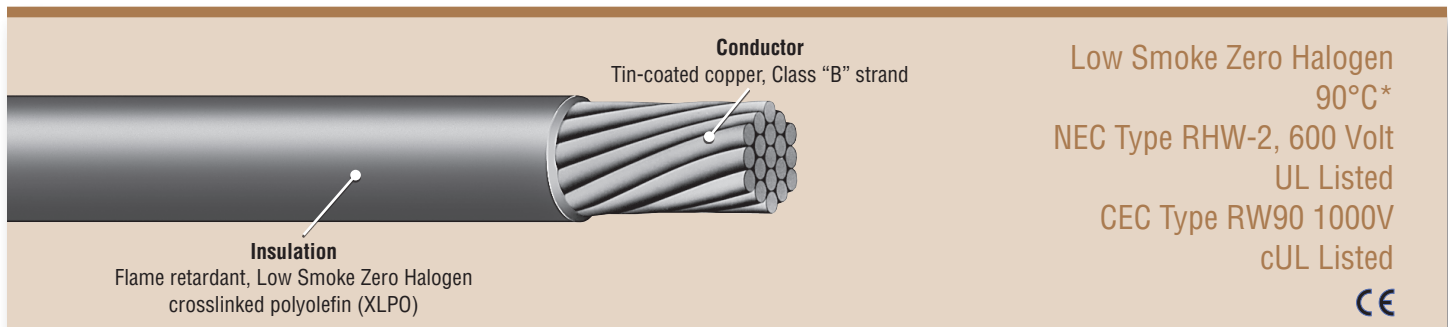


Rock-Tuff® ZH RHW-2/RW90 Industrial Power Cable

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 RHW-2 (UL 44) in accordance with the NEC
- cUL listed type RW90 (CSA 22.2 No. 38) in accordance with the 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 as IEEE 1202/FT4-ST1 (limited smoke) per UL 2556/UL 1685 as specified in NFPA 130-2020
- UL Listed for sunlight resistance
- 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, Class "B" 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.

Scope

Rock-Tuff® ZH RHW-2/RW90 is a one conductor, unjacketed, power cable. Its tough thermoset construction allows for its use in demanding applications without additional jacketing protection. It is intended for low voltage power and lighting functions and may be installed in trays, ducts and conduits.

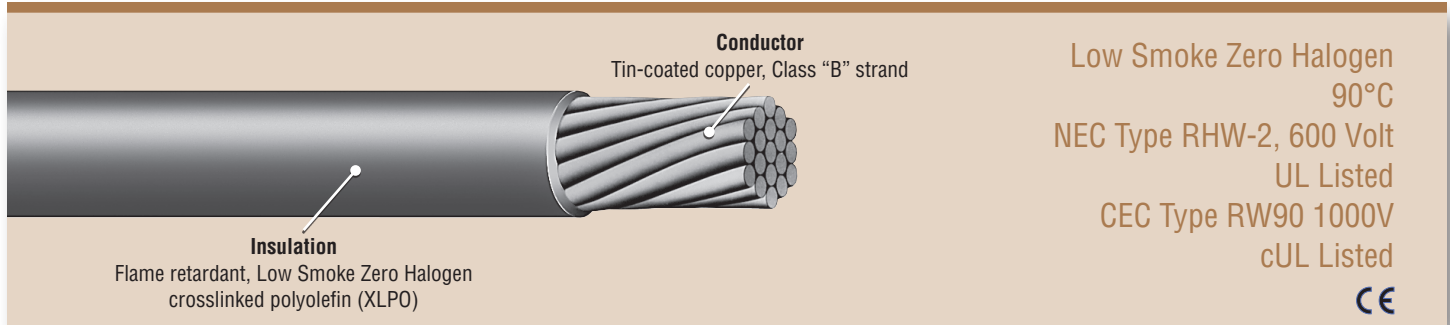


Made in the USA



Marmon Electrical
A Berkshire Hathaway Company

Rock-Tuff® ZH RHW-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)		
RTZH-14-1KV	14 AWG	7	0.071	1.80	0.045	1.14	0.16	4.1	24	35
RTZH-12-1KV	12 AWG	7	0.09	2.29	0.045	1.14	0.18	4.6	34	40
RTZH-10-1KV	10 AWG	7	0.113	2.87	0.045	1.14	0.21	5.3	48	55
RTZH-8-1KV	8 AWG	7	0.142	3.61	0.060	1.52	0.27	6.9	79	80
RTZH-6-1KV	6 AWG	7	0.178	4.52	0.060	1.52	0.3	7.6	114	105
RTZH-4-1KV	4 AWG	7	0.227	5.77	0.060	1.52	0.35	8.9	170	140
RTZH-3-1KV	3 AWG	7	0.252	6.40	0.060	1.52	0.38	9.7	206	165
RTZH-2-1KV	2 AWG	7	0.283	7.19	0.060	1.52	0.41	10.4	251	190
RTZH-1-1KV	1 AWG	19	0.322	8.18	0.080	2.03	0.49	12.4	332	220
RTZH-1/0-1KV	1/0 AWG	19	0.362	9.19	0.080	2.03	0.53	13.5	406	260
RTZH-2/0-1KV	2/0 AWG	19	0.405	10.29	0.080	2.03	0.57	14.5	501	300
RTZH-3/0-1KV	3/0 AWG	19	0.456	11.58	0.080	2.03	0.62	15.7	619	350
RTZH-4/0-1KV	4/0 AWG	19	0.512	13.00	0.080	2.03	0.68	17.3	765	405
RTZH-250-1KV	250 KCMIL	37	0.558	14.17	0.095	2.41	0.76	19.3	918	455
RTZH-350-1KV	350 KCMIL	37	0.661	16.79	0.095	2.41	0.86	21.8	1254	570
RTZH-400-1KV	400 KCMIL	37	0.708	17.98	0.095	2.41	0.903	22.9	1405	615
RTZH-500-1KV	500 KCMIL	37	0.789	20.04	0.095	2.41	0.99	25.1	1750	700
RTZH-600-1KV	600 KCMIL	61	0.866	22.00	0.110	2.79	1.11	28.2	2049	780
RTZH-750-1KV	750 KCMIL	61	0.968	24.59	0.110	2.79	1.20	30.5	2613	885

* Ampacities are based on NEC NFPA 70 -2017 Table 310.15(B)(17) at 30°C Ambient in Free Air.

NOTE: See NEC NFPA 70 -2017 Table 310.15(B)(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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