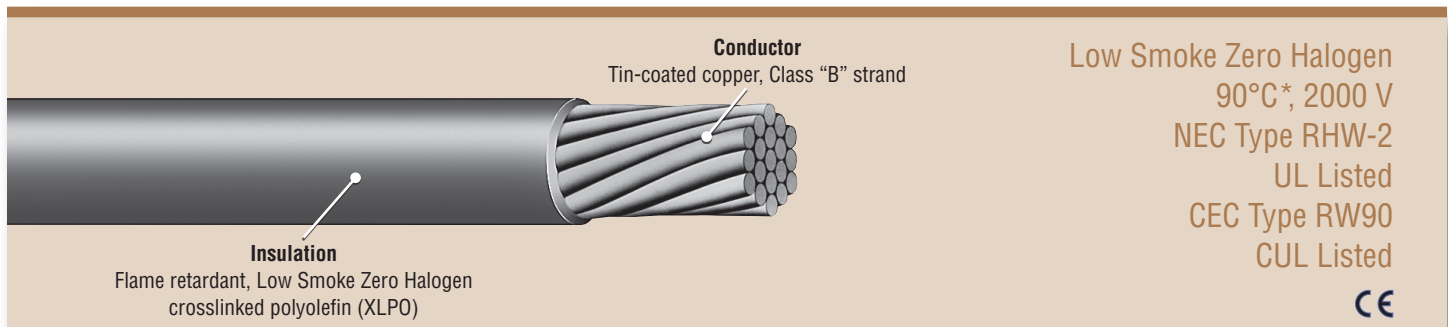


# Rock-Tuff® ZH RHW-2/RW90 Industrial Power Cable

**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 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, 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)

## 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.

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

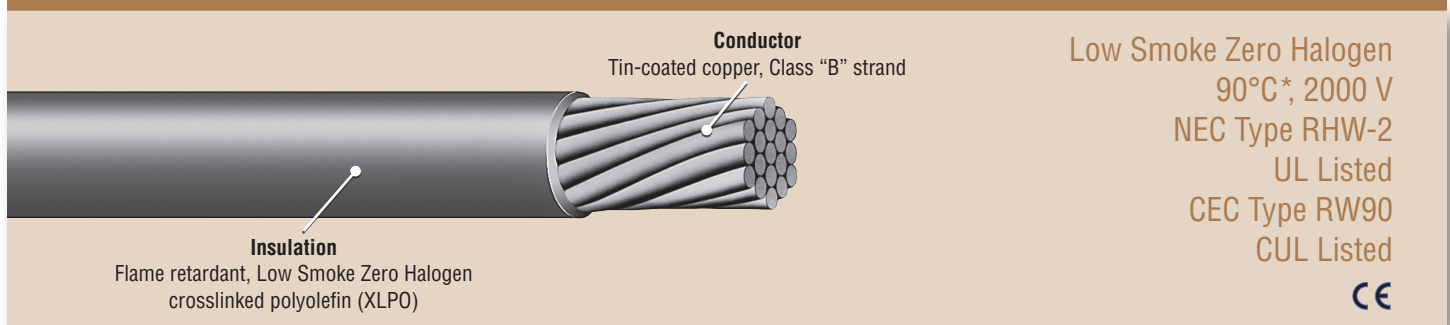


**Made in the USA**



**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-14-2KV	14 AWG	7	0.071	1.80	0.060	1.52	0.195	5.0	30	35
RTZH-12-2KV	12 AWG	7	0.09	2.29	0.060	1.52	0.213	5.4	40	40
RTZH-10-2KV	10 AWG	7	0.113	2.87	0.060	1.52	0.237	6.0	55	55
RTZH-8-2KV	8 AWG	7	0.142	3.61	0.070	1.78	0.288	7.3	84	80
RTZH-6-2KV	6 AWG	7	0.178	4.52	0.070	1.78	0.324	8.2	121	105
RTZH-4-2KV	4 AWG	7	0.227	5.77	0.070	1.78	0.371	9.4	177	140
RTZH-3-2KV	3 AWG	7	0.252	6.40	0.070	1.78	0.398	10.1	213	165
RTZH-2-2KV	2 AWG	7	0.283	7.19	0.070	1.78	0.429	10.9	265	190
RTZH-1-2KV	1 AWG	19	0.322	8.18	0.090	2.29	0.508	12.9	342	220
RTZH-1/0-2KV	1/0 AWG	19	0.362	9.19	0.090	2.29	0.548	13.9	418	260
RTZH-2/0-2KV	2/0 AWG	19	0.405	10.29	0.090	2.29	0.591	15.0	513	300
RTZH-3/0-2KV	3/0 AWG	19	0.456	11.58	0.090	2.29	0.642	16.3	632	350
RTZH-4/0-2KV	4/0 AWG	19	0.512	13.00	0.090	2.29	0.698	17.7	779	405
RTZH-250-2KV	250 KCMIL	37	0.558	14.17	0.105	2.67	0.774	19.7	934	455
RTZH-350-2KV	350 KCMIL	37	0.661	16.79	0.105	2.67	0.827	21.0	1242	570
RTZH-400-2KV	400 KCMIL	37	0.708	17.98	0.105	2.67	0.923	23.4	1429	615
RTZH-500-2KV	500 KCMIL	37	0.789	20.04	0.105	2.67	1.005	25.5	1771	700
RTZH-600-2KV	600 KCMIL	61	0.866	22.00	0.120	3.05	1.116	28.3	2115	780
RTZH-750-2KV	750 KCMIL	61	0.968	24.59	0.120	3.05	1.22	30.9	2638	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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