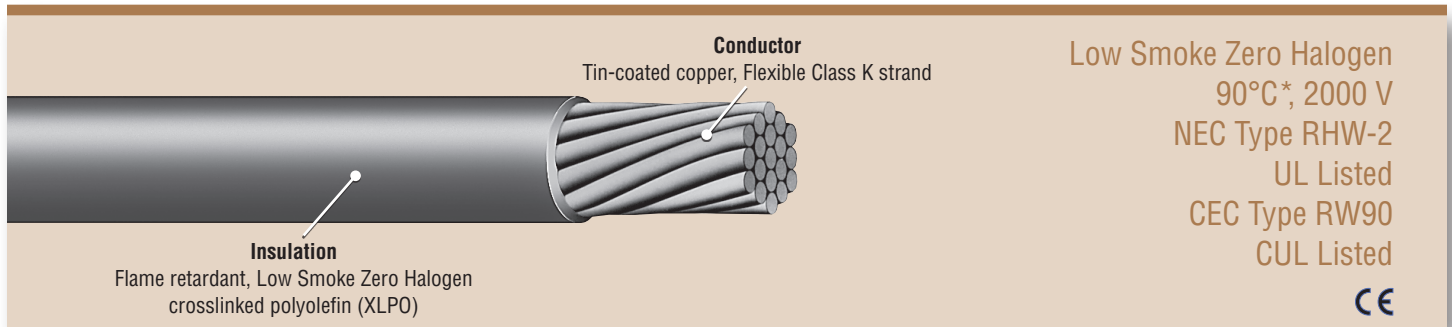


Rock-Tuff® ZHF RHW-2/RW90 Industrial Power Cable

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, Flexible Class K strand per ASTM 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® ZHF RHW-2/RW90 is a one conductor, unjacketed, power cable utilizing flexible Class K conductor. 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.

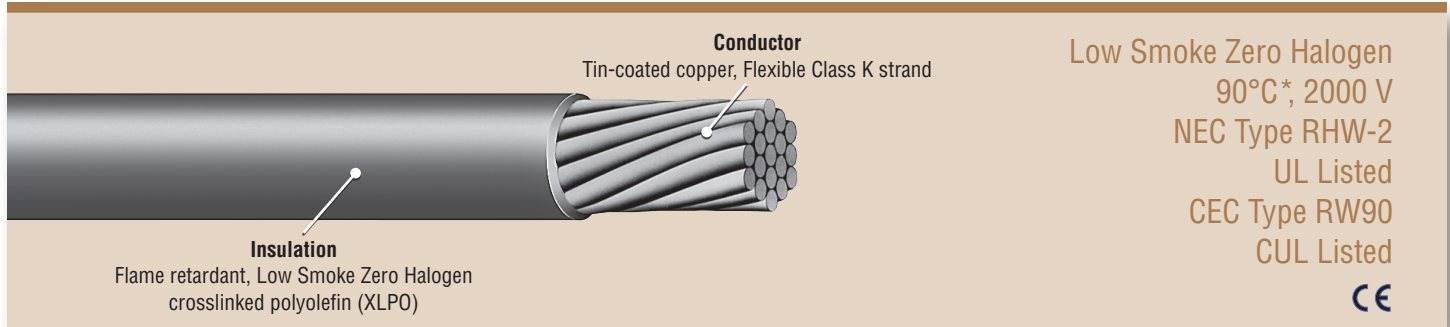


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Marmon Electrical
A Berkshire Hathaway Company

Rock-Tuff® ZHF 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)		
RTZHF-14-2KV	14 AWG	41	0.069	1.75	0.060	1.52	0.192	4.88	29	35
RTZHF-12-2KV	12 AWG	65	0.086	2.18	0.060	1.52	0.209	5.31	39	40
RTZHF-10-2KV	10 AWG	105	0.110	2.79	0.060	1.52	0.235	5.97	55	55
RTZHF-8-2KV	8 AWG	168	0.159	4.04	0.070	1.78	0.302	7.68	88	80
RTZHF-6-2KV	6 AWG	252	0.195	4.95	0.070	1.78	0.338	8.60	119	105
RTZHF-4-2KV	4 AWG	392	0.243	6.17	0.070	1.78	0.386	9.82	170	140
RTZHF-3-2KV	3 AWG	532	0.282	7.16	0.070	1.78	0.425	10.81	221	165
RTZHF-2-2KV	2 AWG	616	0.305	7.75	0.070	1.78	0.448	11.39	251	190
RTZHF-1-2KV	1 AWG	836	0.355	9.02	0.090	2.29	0.539	13.70	353	220
RTZHF-1/0-2KV	1/0 AWG	988	0.386	9.80	0.090	2.29	0.570	14.49	408	260
RTZHF-2/0-2KV	2/0 AWG	1235	0.432	10.97	0.090	2.29	0.616	15.66	494	300
RTZHF-3/0-2KV	3/0 AWG	1558	0.485	12.32	0.090	2.29	0.669	17.00	608	350
RTZHF-4/0-2KV	4/0 AWG	1995	0.549	13.94	0.090	2.29	0.733	18.63	760	405
RTZHF-250-2KV	250 KCMIL	2356	0.597	15.16	0.105	2.67	0.811	20.61	909	455
RTZHF-262-2KV	262 KCMIL	2442	0.605	15.37	0.105	2.67	0.819	20.82	942	460
RTZHF-350-2KV	350 KCMIL	3256	0.702	17.83	0.105	2.67	0.916	23.28	1235	570
RTZHF-373-2KV	373 KCMIL	3367	0.713	18.11	0.105	2.67	0.927	23.56	1294	581
RTZHF-444-2KV	444 KCMIL	3990	0.835	21.21	0.105	2.67	1.049	26.66	1536	636
RTZHF-500-2KV	500 KCMIL	4736	0.846	21.49	0.105	2.67	1.060	26.94	1747	700
RTZHF-535-2KV	535 KCMIL	4880	0.859	21.82	0.120	3.05	1.100	28.07	1859	712
RTZHF-646-2KV	646 KCMIL	6446	0.955	24.26	0.120	3.05	1.201	30.50	2167	815
RTZHF-750-2KV	750 KCMIL	6954	1.025	26.03	0.120	3.05	1.270	32.28	2525	885

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

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



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