

Low Smoke Zero Halogen  
90°C\*, 2000 Volt  
NEC Type RHW-2  
UL Listed  
NFPA 130 & 502

## 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 and UL standards
- UL listed type RHW-2 (UL 44) in accordance with NEC
- Passes IEEE 1202/FT4 vertical tray flame test and ICEA 70,000 BTU/hr vertical tray flame test (T-30-520)
- Passes vertical flame test Type A as defined in ICEA S-95-658 (6.8.2)
- UL listed Type LS (limited smoke) per UL 1277 and UL 1685 (IEEE 1202/FT4)
- UL approved 90°C for both wet and dry locations
- UL Listed for sunlight resistance (black only)
- UL Listed as gasoline and oil resistant
- Meets the requirements of NFPA 130 & 502
- Rated for CT Use 1/0 AWG and larger
- Meet the requirements of 49 CFR Part 238 for flame per ICEA S-19-81
- Meet the requirements of 49 CFR Part 238 for smoke requirements ASTM E662 in flaming and non-flaming
- Passes IEEE-383 1974 vertical tray flame test

## Construction

**Conductor:** Annealed, tin-coated copper, Class "I" (Class B for #12 and #14 AWG) strand per ASTM B-8 & B-33. (#12 and #14 AWG available as solid or Class C conductors when required)

**Insulation:** Flame retardant low Smoke Zero Halogen crosslinked polyolefin

**Separator tape:** Helically applied polyester (where required)

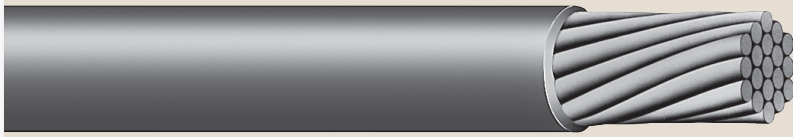
**Color:** Black (Available in pigmented colors or colored stripes)

\*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

Exane<sup>®</sup> ZH RHW-2 is a one conductor, un jacketed, 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.

# Exane® ZH RHW-2 Power Cable



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Product Code	Conductor Size	Number of Strands	Insulation Thickness		Nominal Overall Diameter		Approximate Net Weight (Lbs/M')
			(Inch)	(mm)	(Inch)	(mm)	
ZULX-14-2KV	14 AWG	7	.06	1.52	.195	4.95	30
ZULX-12-2KV	12 AWG	7	.06	1.52	.213	5.41	40
ZULX-10-2KV	10 AWG	27	.06	1.52	.240	6.10	57
ZULX-8-2KV	8 AWG	37	.07	1.78	.282	7.16	79
ZULX-6-2KV	6 AWG	61	.07	1.78	.334	8.48	118
ZULX-5-2KV	5 AWG	91	.07	1.78	.383	9.73	166
ZULX-4-2KV	4 AWG	105	.07	1.78	.404	10.26	187
ZULX-3-2KV	3 AWG	125	.07	1.78	.429	10.90	216
ZULX-2-2KV	2 AWG	150	.07	1.78	.459	11.66	253
ZULX-1-2KV	1 AWG	225	.09	2.29	.570	14.48	387
ZULX-1/0-2KV	1/0 AWG	275	.09	2.29	.610	15.49	460
ZULX-2/0-2KV	2/0 AWG	325	.09	2.29	.625	15.88	503
ZULX-3/0-2KV	3/0 AWG	450	.09	2.29	.730	18.54	717
ZULX-4/0-2KV	4/0 AWG	550	.09	2.29	.755	19.19	812
ZULX-262-2KV	262 AWG	650	.105	2.67	.843	21.41	968
ZULX-313-2KV	313 AWG	775	.105	2.67	.911	23.14	1147
ZULX-373-2KV	373 AWG	925	.105	2.67	.966	24.54	1344
ZULX-444-2KV	444 AWG	1100	.105	2.67	1.036	26.31	1590
ZULX-500-2KV	500 AWG	1221	.105	2.67	1.094	27.80	1725
ZULX-535-2KV	535 AWG	1325	.120	3.05	1.142	29.01	1919
ZULX-646-2KV	646 AWG	1600	.120	3.05	1.234	31.43	2268

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\*\*14 AWG - 4/0 AWG



Marmon Electrical  
A Berkshire Hathaway Company