

## 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 XHHW-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)

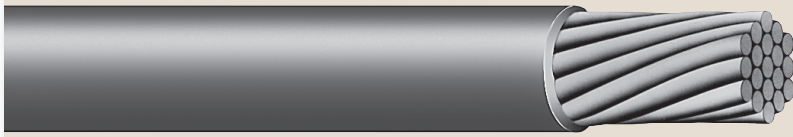
**Color:** Black (Available in pigmented colors or colored stripes)

\*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 XHHW-2 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.

# Exane® ZH XHHW-2 Power Cable



Low Smoke Zero Halogen  
90°C\*, 600 Volt  
NEC Type XHHW-2  
UL Listed  
NFPA 130 & 502

Product Code	Conductor Size	Number of Strands	Insulation Thickness		Nominal Overall Diameter		Approximate Net Weight (Lbs/M')
			(Inch)	(mm)	(Inch)	(mm)	
ZULX-14-600V	14 AWG	7	.030	.76	.133	3.38	19
ZULX-12-600V	12 AWG	7	.030	.76	.151	3.84	28
ZULX-10-600V	10 AWG	27	.030	.76	.178	4.52	45
ZULX-8-600V	8 AWG	37	.045	1.14	.232	5.89	63
ZULX-6-600V	6 AWG	61	.045	1.14	.284	7.21	103
ZULX-5-600V	5 AWG	91	.045	1.14	.334	8.48	150
ZULX-4-600V	4 AWG	105	.045	1.14	.356	9.04	169
ZULX-3-600V	3 AWG	125	.045	1.14	.381	9.68	199
ZULX-2-600V	2 AWG	150	.045	1.14	.411	10.44	229
ZULX-1-600V	1 AWG	225	.055	1.40	.501	12.73	346
ZULX-1/0-600V	1/0 AWG	275	.055	1.40	.541	13.74	413
ZULX-2/0-600V	2/0 AWG	325	.055	1.40	.556	14.12	460
ZULX-3/0-600V	3/0 AWG	450	.055	1.40	.661	16.79	660
ZULX-4/0-600V	4/0 AWG	550	.055	1.40	.686	17.42	762
ZULX-262-600V	262 AWG	650	.065	1.65	.765	19.43	900
ZULX-313-600V	313 AWG	775	.065	1.65	.833	21.16	1064
ZULX-373-2KV	373 AWG	925	.065	1.65	.886	22.50	1261
ZULX-444-600V	444 AWG	1100	.065	1.65	.950	24.13	1489
ZULX-535-600V	535 AWG	1325	.080	2.03	1.060	26.92	1805
ZULX-646-600V	646 AWG	1600	.080	2.03	1.152	29.26	2145

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\*\* 14 AWG - 4/0 AWG



Marmon Electrical  
A Berkshire Hathaway Company