

Copper XHHW-2 600V/1000V XLP Insulation



APPLICATION:

XHHW-2 cables are primarily used for power distribution in conduit or other recognized raceways as specified in the National Electrical Code. The cables may be used in wet or dry locations with conductor temperatures not exceeding 90°C and may be used in free air, raceways, or cable trays in accordance with National Electrical Code. Voltage rating for XHHW-2 cable is 600V or 1000V.

CONDUCTORS:

- Compressed soft drawn bare copper with class B stranded per ASTM B8

INSULATION:

- Abrasion, heat, moisture, and flame resistant cross-linked polyethylene (XLP) insulation. Low coefficient of friction, "slippery" or "slick" material

STANDARDS:

- UL 44
- UL Listed as Type XHHW-2
- "FOR CT USE" on 1/0 AWG and larger
- Requirements of the National Electrical Code
- ICEA S-95-658/NEMA WC-70
- Federal Specification A-A-59544
- UL 1685 Flame Rated: CT Use (1/0 AWG and larger available upon request)
- Temperature Rated at 90°C Wet/Dry, Cold bend and cold impact at -25°C
- Sunlight Resistant, Gasoline and Oil Resistant II
- Sunlight-resistant for 8 AWG and larger, black only
- OSHA Acceptable
- Made in America

Part Number	Conductor Size	No. of Strands	Insulation Thickness		Overall Diameter		Net Weight	Ampacity*
	AWG/kcmil		inches	mm	inches	mm	lbs/kft	amps
14STRXHHW	14	7	0.030	0.76	0.13	3.3	17	25**
12STRXHHW	12	7	0.030	0.76	0.15	3.8	26	30**
10STRXHHW	10	7	0.030	0.76	0.18	4.6	38	40**
8STRXHHW	8	7	0.045	1.14	0.24	6.1	65	55
6STRXHHW	6	7	0.045	1.14	0.28	7.1	99	75
4STRXHHW	4	7	0.045	1.14	0.33	8.4	152	95
2STRXHHW	2	7	0.045	1.14	0.39	9.9	233	130
1STRXHHW	1	19	0.055	1.40	0.44	11.2	293	145
1/0STRXHHW	1/0	19	0.055	1.40	0.48	12.2	364	170
2/0STRXHHW	2/0	19	0.055	1.40	0.53	13.5	453	195
3/0STRXHHW	3/0	19	0.055	1.40	0.58	14.7	565	225
4/0STRXHHW	4/0	19	0.055	1.40	0.63	16.0	706	260
250STRXHHW	250	37	0.065	1.65	0.70	17.8	837	290
300STRXHHW	300	37	0.065	1.65	0.75	19.1	1044	319
350STRXHHW	350	37	0.065	1.65	0.80	20.3	1,157	350
400STRXHHW	400	37	0.065	1.65	0.85	21.6	1342	380
500STRXHHW	500	37	0.065	1.65	0.93	23.6	1,634	430
600STRXHHW	600	61	0.080	2.03	1.04	26.4	1972	475
750STRXHHW	750	61	0.080	2.03	1.15	29.2	2,448	535

All values are nominal and subject to correction.

*90°C Wet/Dry Per NEC Table 310.15 (B)(16) for not more than three conductors in raceway based on 30°C ambient temperature.

**Overcurrent protection shall not exceed 15 amps for #14 AWG, 20 amps for #12 AWG, and 30 amps for #10 AWG per NEC.



1-800-945-5542
www.PriorityWire.com



©2023 Priority Wire & Cable
10-2023