

XHHW-2



Product Description: Single-conductor wire, insulated with XLPE, sunlight resistant, rated at 90°C wet or dry, 600V.

Construction: Single conductor cross-linked polyethylene Type XHHW-2 per NEC 310.8, flame retardant, FT-1, moisture resistant, RoHS, sunlight resistant, temperature rating 90° wet or dry, -40°C cold. Copper stranding per ASTM-B8

P/N	AWG	STRAND	INS THICKNESS	NOM DIA.	APPROX WEIGHT
0225XHHW	14	7/BC	.030	.134	18
0215XHHW	12	7/BC	.030	.152	20
02122XHHW	10	7/BC	.030	.173	41
02119XHHW	8	7/BC	.045	.238	67
02131XHHW	6	7/BC	.045	.268	100
02132XHHW	4	7/BC	.045	.314	153
02136XHHW	2	7/BC	.045	.386	224
02137XHHW	1	19/BC	.055	.443	309
02135XHHW	1/0	19/BC	.055	.471	356
02138XHHW	2/0	19/BC	.055	.530	460
02139XHHW	3/0	19/BC	.055	.581	565
02140XHHW	4/0	19/BC	.055	.618	710

These values are nominal in accordance with industry standards.

Tinned copper or flexible stranding are available upon request. Copper per ASTM-B8.

All AWG's available in colors with sunlight resistance approval.

Standard Color: Black

Voltage: 600V

Temperature: -40° to 90°C

Print: (3090194) "AWG" TYPE XLPE XHHW or XHHW-2 or RW90 600V -40°C (ETL)US SUN RES "Production#"

UL Standards

XHHW, XHHW-2 600V per UL44

Vertical flame and FT-1 per UL1581, Section 1060

XENON-ARG test per 1580, Section 1200

Flexibility at low temperature per UL1581, Section 583

NEC 310.8

(A) Dry locations

(B) Dry and damp locations

(C) Wet locations

(D) Location exposed to direct sunlight

Electrical Testing

Spark test at:

7500V RMS 14-10 AWG

10,000V RMS 8 AWG

Dielectric test potential:

3000V RMS 14-10 AWG

3500V RMS 8 AWG

in accordance with UL854

Continuity test per UL854

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