



XHHW-2 CT High Speed

XLPE, Low-Voltage Power, 600V or 1000V
UL Type XHHW-2, CT Rated, Single Conductor, Copper

Product Construction:

Conductor:

- 14 AWG thru 750 kcmil annealed bare copper per ASTM B3
- Class B stranding per ASTM B8

Insulation:

- Flame-retardant Cross-linked Polyethylene (XLPE)

Print:

- GENERAL CABLE® (PLANT OF MFG) AWG/ KCMIL HIGH SPEED* TYPE XHHW-2 (UL) 600V OR 1000V SUN RES FOR CT USE** MONTH/YEAR OF MFG SEQUENTIAL FOOTAGE MARK

* Sizes 14 AWG - 10 AWG do not include "HIGH SPEED"

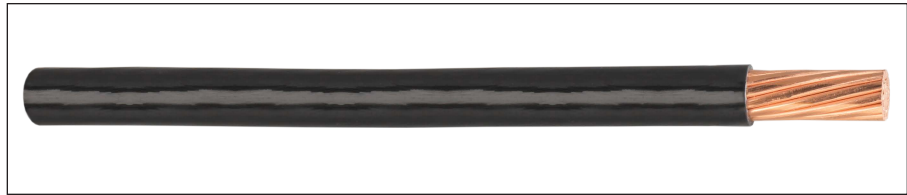
** Sizes smaller than 1/0 AWG do not include "SUN RES FOR CT USE"

Options:

- Tinned copper conductor
- Full colored insulation

Applications:

- General purpose building wire for use primarily in conduit or other recognized raceways as specified in the National Electrical Code (NEC®)
- Industrial environments where superior insulation toughness and chemical resistance are required



Applications (cont'd.):

- Maximum operating temperature not to exceed 90°C in dry or wet locations
- In free air, raceways or cable trays in accordance with NEC

Features:

- High Speed cable features a specially designed XLPE insulation that allows for fast and easy cable pulls
- "FOR CT USE" on 1/0 AWG and larger
- Sunlight-resistant for 8 AWG and larger, black only
- Rated at 90°C wet or dry
- Smaller cable O.D.
- Excellent electrical, thermal and physical properties
- Excellent resistance to moisture
- Excellent resistance to crush, compression cuts and heat deformation
- Meets cold bend and cold impact tests at -25°C

Compliances:

Industry Compliances:

- National Electric Code (NEC)
- UL 44 Standard for Rubber Insulated Wire and Cable
- ICEA S-95-658/NEMA WC70
- UL Listed as Type XHHW-2, UL File # E90494
- OSHA Acceptable

Flame Test Compliances:

- UL 1685, 1/0 AWG and larger

Other Compliances:

- EPA 40 CFR, Part 261 for leachable lead content per TCLP
- RoHS Compliant

Packaging:

- Material cut to length and shipped on non-returnable wood reels

CATALOG NUMBER	COND. SIZE (AWG or kcmil)	NUMBER OF WIRES	NOMINAL COND. DIAMETER		MINIMUM AVG. INSULATION THICKNESS		NOMINAL CABLE DIAMETER		COPPER WEIGHT		NET WEIGHT		AMPACITY (1)
			INCHES	mm	INCHES	mm	INCHES	mm	LBS/ 1000 FT	kg/km	LBS/ 1000 FT	kg/km	90°C

14 AWG - 750 kcmil CONDUCTORS

391070	14	7	0.07	1.80	0.030	0.76	0.13	3.38	12	18	17	25	25
391080	12	7	0.09	2.26	0.030	0.76	0.15	3.84	20	30	26	39	30
391090	10	7	0.11	2.87	0.030	0.76	0.18	4.57	32	48	38	57	40
5175.008	8	7	0.14	3.56	0.045	1.14	0.24	6.10	51	76	65	97	55
5175.006	6	7	0.18	4.57	0.045	1.14	0.28	7.11	81	121	99	147	75
5175.004	4	7	0.23	5.84	0.045	1.14	0.33	8.38	129	192	152	226	95
5175.002	2	7	0.29	7.37	0.045	1.14	0.39	9.91	205	305	233	347	130
5175.001	1	19	0.32	8.13	0.055	1.40	0.44	11.18	256	381	293	437	145
5175.110	1/0	19	0.36	9.14	0.055	1.40	0.48	12.19	326	485	364	572	170
5175.210	2/0	19	0.41	10.41	0.055	1.40	0.53	13.46	411	612	453	674	195
5175.310	3/0	19	0.46	11.68	0.055	1.40	0.58	14.73	518	772	565	842	225
5175.410	4/0	19	0.51	12.95	0.055	1.40	0.63	16.00	653	972	706	1051	260
5175.250	250	37	0.56	14.22	0.065	1.65	0.70	17.78	722	1074	837	1246	290
5175.300	300	37	0.61	15.49	0.065	1.65	0.75	19.05	926	1378	1044	1455	319
5175.350	350	37	0.66	16.76	0.065	1.65	0.80	20.32	1081	1609	1157	1722	350
5175.400	400	37	0.71	18.03	0.065	1.65	0.85	21.59	1235	1838	1342	1997	380
5175.500	500	37	0.79	20.07	0.065	1.65	0.93	23.62	1544	2298	1634	2432	430
5175.600	600	61	0.87	22.10	0.080	2.03	1.04	26.42	1853	2758	1972	2935	475
5175.750	750	61	0.98	24.89	0.080	2.03	1.15	29.21	2316	3447	2448	3643	535

Dimensions and weights are nominal; subject to industry tolerances.

(1) Allowable ampacities shown are for general use as specified by the National Electric Code, 2011 Edition, Section 310.15(B)(16). Adjustments and corrections may apply: 90°C - Wet or dry locations. For ampacity derating purposes.

Dwelling - For dwelling units, conductors shall be permitted as listed ampacities at 120/240-volt, 3-wire, single-phase services and feeders.



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