

BUILDING WIRE

TYPE XHHW-2 — XLP INSULATION, 600 VOLT

Construction

Conductor:

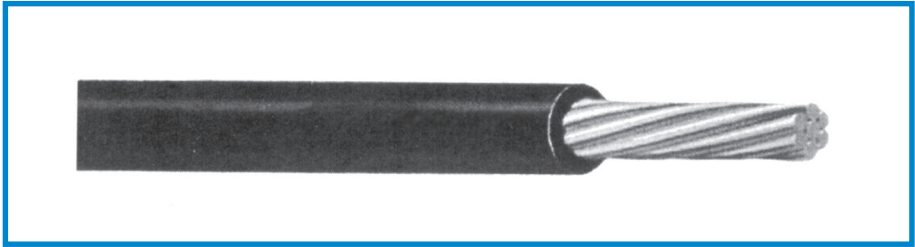
- Annealed uncoated copper conductor, XLP thermosetting chemically crosslinked polyethylene insulation, surface printed.

Applications:

- General purpose wiring for lighting and power - residential, commercial, industrial buildings in accordance with NEC, maximum conductor temperature of 90°C in wet or dry locations, 600 volts, for installation in conduit or other recognized raceways.
- Suitable for use in low leakage circuits requiring a dielectric constant of 3.5 or less, such as isolated circuits supplying anesthetizing locations per Article 517-160 of the NEC.
- Suitable for use as low leakage inductive (loop) vehicle detector wire in accordance with state and municipal requirements.

Industry Approvals:

- Listed by UL as Type XHHW-2 per UL Standard 44 for Rubber Insulated Wires and Cables.
- Conforms to ICEA Pub. No. S-66-524, utilizing column B thicknesses.
- Conforms to Federal Specification J-C-30B.



CUSTOM CATALOG NUMBER	SIZE	STRAND	NOM. INSUL. THICKNESS	NOMINAL O. D.	CURRENT (AMPS*)		NOMINAL WEIGHT
	AWG/MCM		INCHES	INCHES	75°C	90°C	LBS./MFT
SOLID							
15150	14	Solid	0.030	0.140	20 [†]	25 [†]	21
15151	12	Solid	0.030	0.160	25 [†]	30 [†]	31
15152	10	Solid	0.030	0.180	35 [†]	40 [†]	45
STRANDED							
15153	14	7	0.030	0.140	20 [†]	25 [†]	19
15154	12	7	0.030	0.160	25 [†]	30 [†]	28
15155	10	7	0.030	0.180	35 [†]	40 [†]	41
15156	8	7	0.045	0.240	50	55	67
15157	6	7	0.045	0.280	65	75	105
15158	4	7	0.045	0.320	85	95	160
15159	2	7	0.045	0.380	115	130	245
15160	1	19	0.055	0.440	130	150	310
15161	1/0	19	0.055	0.480	150	170	380
15162	2/0	19	0.055	0.520	175	195	470
15163	3/0	19	0.055	0.580	200	225	590
15164	4/0	19	0.055	0.630	230	260	730
15165	250	37	0.065	0.700	255	290	865
15166	300	37	0.065	0.750	285	320	1050
15167	350	37	0.065	0.800	310	350	1210
15168	400	37	0.065	0.850	335	380	1370
15169	500	37	0.065	0.930	380	430	1710
15170	600	61	0.080	1.040	420	475	2080
15171	750	61	0.080	1.140	475	535	2545
15172	1000	61	0.080	1.290	545	615	3380

* Ampacity in accordance with NEC for not more than three conductors in raceway at the conductor temperature indicated, in wet or dry locations. 30°C ambient temperature.

† The over current protection shall not exceed 15 amperes for 14 AWG, 20 amperes for 12 AWG and 30 amperes for 10 AWG copper.

Custom Cable Corp.



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