



POWER KABEL INC.

XHHW-2 COPPER CONDUCTOR -40°C

APPLICATIONS & FEATURES

Type XHHW-2 conductors are primarily used in conduit or other recognized raceways for services, feeders, and branch circuit wiring, as specified in the National Electric Code (NEC). XHHW-2 conductors may be used in wet or dry locations at temperatures not to exceed 90°C. XHHW-2 conductors are tared for 600 volts. Insulation rated for use to -40°C (UL).

INDUSTRY COMPLIANCES

- Underwriters Laboratories-Standard UL-44
- Canadian Standard C22.2 No. 38
- Insulated Cable Engineers Association ICEA S-95-658
- Institute of Electrical and Electronics Engineers IEEE 1202
- Federal Specifications A-A-59544
- NEMA Publication No. WC-70

<u>CONSTRUCTION</u>	
CONDUCTORS:	Stranded, uncoated, bare copper per ASTM B787 and ASTM B8
INSULATION:	Cross-Linked Polyethylene (XLP) insulation per UL-44

AWG	No OF STRANDS	INSULATION THICKNESS (MILS)	APPROX. O.D. (INCHES)	ALLOWABLE AMPACITIES*			WEIGHT/1000 FT
				60°C	75°C	90°C	
14	Solid	0.03	0.124	15	15	15	15
12	Solid	0.03	0.141	20	20	20	24
10	Solid	0.03	0.162	30	30	30	36
14	7	0.03	0.131	15	15	15	13
12	7	0.03	0.149	20	20	20	26
10	7	0.03	0.171	30	30	30	40
8	7	0.045	0.236	40	50	55	67
6	7	0.045	0.274	55	65	75	100
4	7	0.045	0.322	70	85	95	150
3	7	0.045	0.35	85	100	115	205
2	7	0.045	0.382	95	115	130	230
1	19	0.055	0.431	110	130	150	291
1/0	19	0.055	0.47	125	150	170	362
2/0	19	0.055	0.514	145	175	195	445
3/0	19	0.055	0.564	165	200	225	564
4/0	19	0.055	0.62	195	230	260	707
250 MCM	37	0.065	0.672	215	255	290	836
300 MCM	37	0.065	0.724	240	285	320	996
350 MCM	37	0.065	0.771	260	310	350	1155
400 MCM	37	0.065	0.815	280	335	380	1315
500 MCM	37	0.065	0.896	320	380	430	1632
600 MCM	61	0.08	1.026	355	420	475	1950
750 MCM	61	0.08	1.128	400	475	535	2440

*Ampacity shown above is per the 2011 National Electric Code. The above data is approximate and subject to normal manufacturing tolerances.