

XHHW-2 / RW 90 COPPER CONDUCTOR

Thermoplastic Insulated, Nylon Sheathed
Heat, Oil & Gasoline Resistant 600 Volt Copper

DESCRIPTION:

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 Electrical Code (NEC). XHHW-2 conductors may be used in wet or dry locations. XHHW-2 conductors are rated for 600 volts. Sizes 1/0 and larger have UL's VW-1 (Vertical Wire) Flame Test. 1/0 AWG and larger may be used in cable tray in accordance with the National Electrical Code. These cables pass IEEE 1202/CSA (70,000 BTU/hr) cable tray flame test.

STANDARDS AND SPECIFICATIONS:

- 600V Rated
- UL 44
- VW-1 Rated 1/0 & Larger
- Cable Tray Use 1/0 & Larger
- NEMA Publication No. WC70
- Gasoline & Oil Resistant II
- IEEE 1202
- Canadian Standard C22.2 No. 38
- ICEA 595-658
- 90°C and Wet and Dry Locations
- -40°C
- RoHS and REACH Compliant
- ARRA 2009 Section 1605
"Buy American" Compliant

Conductor				Allowable Ampacities*			Approx Net WT./MFT
Size (AWG)	Stranding	Insulation Thickness XLPE (Inches)	Outside Diameter (Inches)	60°C	75°C	90°C	
14	7	0.030	0.133	N/A	N/A	25	17
12	7	0.030	0.152	N/A	N/A	30	26
10	7	0.030	0.176	N/A	N/A	40	39
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	0.350	85	100	110	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	0.470	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	0.620	195	230	260	707
250	37	0.065	0.672	215	255	290	836
300	37	0.065	0.724	240	285	320	996
350	37	0.065	0.771	260	310	350	1115
400	37	0.065	0.815	280	335	380	1315
500	37	0.065	0.896	320	380	430	1632
600	61	0.080	1.026	355	420	475	1950
750	61	0.080	1.131	400	475	535	2440

*Allowable ampacity shown above is per National Electrical Code. The above data is approximate and subject to normal manufacturing tolerances.



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