

# XHHW-2 / RW 90 COPPER

Thermoset Insulated, Heat, Oil & Gasoline Resistant 600 Volt Copper

## DESCRIPTION:

Type XHHW-2 conductors are thermoset insulated and 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/RW90 conductors are rated for 600 and 1,000 volt applications. Sizes 1/0 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:

- 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*			
Size (AWG)	Stranding	Insulation Thickness XLPE (Inches)	Outside Diameter (Inches)	60° C	75° C	90° C	Approx Net WT. / MFT
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 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	1115
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	0.080	1.026	355	420	475	1950
750 MCM	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.