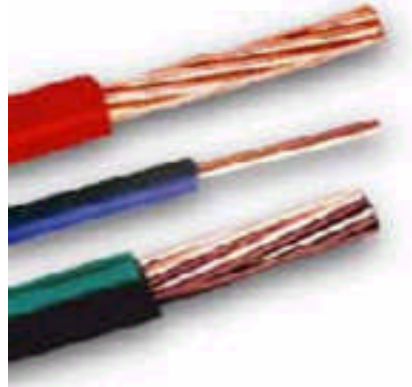




## Building Wire Copper Conductor XHHW-2 VW-1 600V



### **APPLICATIONS**

For use as general purpose wiring in residential, commercial, institutional and industrial construction at a maximum conductor temperature of 90°C in dry and wet locations; for installation in air, conduit or other raceways, in circuits not exceeding 600 volts.

### **SPECIFICATIONS**

Cu XHHW-2, VW-1 600V cables meet or exceed all applicable requirements of the following standards:

- UL 44, Standard for Thermoset Insulated Wires and Cables
- UL 1581, Standard for Electrical Wires, Cables and Flexible Cords
- NEC, National Electrical Code

### **CONSTRUCTION**

Conductor: Stranded annealed (soft) copper.  
Insulation: Abrasive, high resistant, moisture resistant and flame retardant thermosetting crosslinked polyethylene. Sizes 14, 12 and 10AWG are available in black, white, red, blue, yellow, green, orange, brown, purple and gray.

### **FEATURES & BENEFITS, OPTIONS**

Sizes 1/0AWG and larger are for cable tray use and sunlight resistant.  
Sizes 2AWG and larger are listed and marked sunlight resistant in black only.

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# Building Wire Copper Conductor XHHW-2 VW-1 600V

Size (AWG / kcmil)	Stranding ( No. of Wires )	Insulation Thickness (mils)	Overall Diameter (Inches)	Nominal Copper (lbs./1000 ft)	Net Weight (lbs./1000 ft)	AMPACITY 90°C (*) (Amps)
14	7	30	0.140	13	18	25
12	7	30	0.160	20	27	30
10	7	30	0.180	32	41	40
8	7	45	0.240	51	67	55
6	7	45	0.280	81	100	75
4	7	45	0.330	129	153	95
3	7	45	0.335	163	190	110
2	7	45	0.390	205	236	130
1	19	55	0.450	258	292	150
1/0	19	55	0.490	326	363	170
2/0	19	55	0.535	411	452	195
3/0	19	55	0.590	518	562	225
4/0	19	55	0.645	653	702	260
250	37	65	0.715	772	831	290
300	37	65	0.770	926	1000	320
350	37	65	0.820	1081	1160	350
400	37	65	0.870	1235	1322	380
500	37	65	0.955	1544	1643	430
600	61	80	1.040	1853	1982	475
750	61	80	1.150	2316	2461	535
1000	61	80	1.300	3088	3257	615

(\*) Three conductors in raceway or conduit, based on ambient temperature of 30°C (86°F).

**Note:**

The above data are approximate and subject to normal manufacturing tolerances.