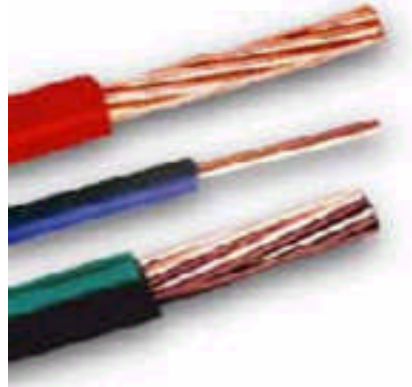




Building Wire Copper Conductor RHH-RHW-USE-2 VW-1 600V



APPLICATIONS

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

SPECIFICATIONS

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

- ICEA S-95-658, Standard for Non Shielded Power Cables Rated 2000 Volts or less for the Distribution of Electrical Energy.
- UL 44, Standard for Thermoset Insulated Wires and Cables.
- UL 854, Standard for Service Entrance 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.

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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	45	0.169	13	20	25
12	7	45	0.187	20	29	30
10	7	45	0.208	32	42	40
8	7	60	0.275	51	74	55
6	7	60	0.315	81	109	75
4	7	60	0.360	129	164	95
3	7	60	0.390	163	201	110
2	7	60	0.420	205	248	130
1	19	80	0.500	258	310	150
1/0	19	80	0.535	326	382	170
2/0	19	80	0.580	411	472	195
3/0	19	80	0.630	518	585	225
4/0	19	80	0.690	653	723	260
250	37	95	0.770	772	868	290
300	37	95	0.825	926	1030	320
350	37	95	0.875	1081	1190	350
400	37	95	0.925	1235	1350	380
500	37	95	1.010	1544	1670	430
600	61	110	1.120	1853	2032	475
750	61	110	1.225	2316	2516	535
1000	61	110	1.380	3088	3321	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.