

Copper Use-2 or RHH/RHW-2



Product Description

Annealed solid or stranded copper conductor, abrasion, moisture and heat resistant, cross-linked polyethylene insulation. Conductor is surface printed with manufacturer's identification, conductor size and metal type, voltage rating, and type designation.

Colors available upon request.

Application

Type Use-2 or RHH/RHW-2 conductors are used in air, conduit or other approved raceways as specified in the National Electrical Code (NEC). Use-2 or RHH/RHW-2 can be used as underground service entrance cable for direct burial at temperatures not to exceed 75° C; or when used as RHW-2 conductor, temperatures are not to exceed 75° C in wet locations; or when used as RHH-2 in dry locations, conductor temperatures are not to exceed 90° C. 250 MCM and larger sizes may be installed in tray per NEC Article 318. Conductor is rated 600 volts.

Product Data

Solid



Size (AWG)	Stranding	Insulation Thickness (mils.)	Nominal Diameter (inches)	Weight Per 1000 Ft. (lbs.)	Ampacity* 75°C RHW or USE	Ampacity* 90°C RHH
12	SOLID	45	171	31	20	20
10	SOLID	45	192	44	30	30
8	SOLID	60	249	68	45	50

Stranded



Size (AWG)	Stranding	Insulation Thickness (mils.)	Nominal Diameter (inches)	Weight Per 1000 Ft. (lbs.)	Ampacity* 75°C RHW or USE	Ampacity* 90°C RHH
12	7	45	182	31	25	30
10	7	45	206	47	35	40
8	7	60	266	72	50	55
6	7	60	304	106	65	75
4	7	60	352	155	85	95
2	7	60	412	240	115	130
1	19	80	492	309	130	150
1/0	19	80	533	380	150	170
2/0	19	80	579	470	175	195
3/0	19	80	630	585	200	225
4/0	19	80	688	729	230	260
250	37	95	765	867	255	290
300	37	95	820	1029	285	320
350	37	95	871	1190	310	350
400	37	95	918	1350	335	380
500	37	95	1003	1670	380	430
600	61	110	1113	2010	420	475
750	61	110	1218	2495	475	535
1000	61	110	1372	3290	545	615

+Per NEC Table 310-16

*Manufactured with pride in DeKalb, IL USA.

Specification Data

Underwriters Laboratories Standard 44 (RHW or RHH)

Underwriters Laboratories Standard 854 (USE)

Federal Specification J-C-30

National Electric Code

Source URL: <http://www.nehringwire.com/copper/covered-copper/copper-use-2-or-rhhrhw-2>

Published on ***Nehring Electrical Work Company*** (<http://www.nehringwire.com>)