

# RHH, RHW-2, USE-2 XLPE Insulation 600V/1KV Copper

UL and cUL listed for guaranteed performance  
Made in the USA

## Applications:

This document establishes the specifications for a single conductor Type RHH and Type RHW-2 for use at 1000V and Type USE-2 for use at 600V. The cable is suitable for both wet and dry locations, including direct burial, and is sunlight resistant.

## Construction Details:

Number of Conductors: 1/C  
 Conductor: Stranded Bare or Tinned Copper, See Table on Page 2  
 Insulation Material: XLPE  
 Nominal Insulation Thickness: See Table, Page 2  
 Nominal Insulation Diameter: See Table, Page 2  
 Color: Black, (Others with MOQ)  
 Shield: Unshielded  
 Jacket: Integral Construction

Surface Print:  
 VoltGuard600™ by REMEE E520042 (UL) ZZAWG RHH OR RHW-2 1000V OR USE-2 600V OR C(UL) RWU90 1000V 90°C DRY OR WET (-40C) SUN RES DIRECT BURIAL RoHS MADE IN USA MM/YY (LOT #) SEQ FT  
 Where ZZ represents the AWG size

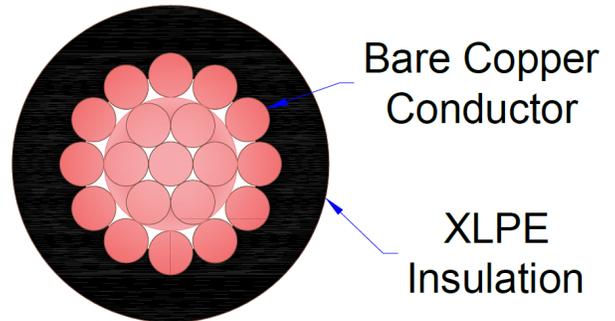
## Electricals:

Voltage Rating: 600 Volts / 1 KV  
 DC Resistance: See Table, Page 2

## Options:

Conductor: See Table, Page 2  
 Color: Black (Standard), Others with MOQ

Issue Date: 01/26  
 Revision: 19



Drawing of 1/0AWG RHH, RHW-2, USE-2

## Technical Details:

Temperature Rating	Operation	-40°C to +90°C
Flame Rating		FT-1 and FT-2

## Standards:

- National Electric Code (NFPA 70)
- UL 44 - Thermoset Insulated Wires and Cables
- UL 854 - Service Entrance Cable
- UL 1581 - Standard for Electrical Wires, Cables

## Codes & Listings:

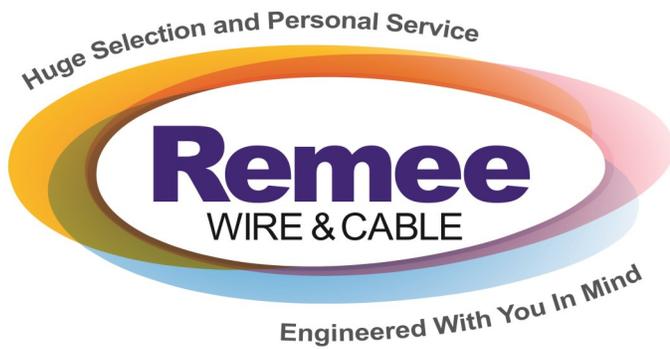
- (UL) listed and c(UL) listed
- RHH and RHW-2 per UL Standard 44
- USE-2 per UL Standards 44 and 854
- RWU90 per CSA C22.2 No. 38



All warranty information can be viewed at [WWW.REMEE.COM](http://WWW.REMEE.COM).

This product is RoHS compliant to directive 2002/95/EC .

1751 State RTE. 17A STE #1 Florida, NY 10921  
 Customer Service: 800-431-3864 Fax: 845-651-4160 Website: [www.remee.com](http://www.remee.com)



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Remeë Part Number*	Size AWG	Size kcmil	Size mm <sup>2</sup>	Standard Number of Strands	Approximate Weight (Lbs/Kft)	Insul. Thickness (in.)	OD, Nom. (in.)	Bare Copper DCR, Nom., @ 20°C (Ω/KFT)	Tinned Copper DCR, Nom., @ 20°C (Ω/KFT)	Ampacity 90°C**
RHH1401XXMUL	14		2.1	1	21	0.045	0.154	2.55	2.65	35
RHH1407XXMUL	14		2.1	7	21	0.045	0.160	2.57	2.78	35
RHH1201XXMUL	12		3.3	1	29	0.045	0.171	1.60	1.65	40
RHH1207XXMUL	12		3.3	7	30	0.045	0.177	1.63	1.75	40
RHH1001XXMUL	10		5.3	1	43	0.045	0.192	1.00	1.04	55
RHH1007XXMUL	10		5.3	7	43	0.045	0.201	1.02	1.08	55
RHH0807XXMUL	8		8.4	7	70	0.060	0.269	0.639	0.679	80
RHH0607XXMUL	6		13.3	7	104	0.060	0.294	0.403	0.427	105
RHH0407XXMUL	4		21.2	7	156	0.060	0.341	0.253	0.269	140
RHH0307XXMUL	3		26.7	7	193	0.060	0.367	0.201	0.209	165
RHH0207XXMUL	2		33.6	7	238	0.060	0.397	0.159	0.169	190
RHH0119BCMUL	1		42.4	19	310	0.080	0.476	0.126		220
RHH1/019BCMUL	1/0		53.5	19	383	0.080	0.515	0.100		260
RHH2/019BCMUL	2/0		67.4	19	473	0.080	0.557	0.0794		300
RHH3/019BCMUL	3/0		85.0	19	587	0.080	0.607	0.0629		350
RHH4/019BCMUL	4/0		107	19	729	0.080	0.662	0.0500		405
RHH25037BCMUL		250	127	37	871	0.095	0.737	0.0422		455
RHH30037BCMUL		300	152	37	1034	0.095	0.789	0.0353		500
RHH35037BCMUL		350	177	37	1196	0.095	0.838	0.0302		570
RHH40037BCMUL		400	203	37	1357	0.095	0.882	0.0264		615
RHH50037BCMUL		500	253	37	1679	0.095	0.963	0.0212		700
RHH60061BCMUL		600	304	61	2025	0.110	1.069	0.0176		780
RHH70061BCMUL		700	355	61	2345	0.110	1.136	0.0151		850
RHH75061BCMUL		750	380	61	2506	0.110	1.169	0.0141		885
RHH100061BCMUL		1000	507	61	3304	0.110	1.315	0.0106		1055

\*XX designates the conductor material; BC is Bare Copper, and TC is Tinned Copper. TC available only for sizes 14AWG to 2AWG.

\*\*Ampacities in accordance with NEC (2023 Edition) Table 310.17: Single Insulated Conductors rated up to and including 2000 Volts in Free Air, Based on Ambient Temperature of 30°C (86°F)



MADE IN THE USA

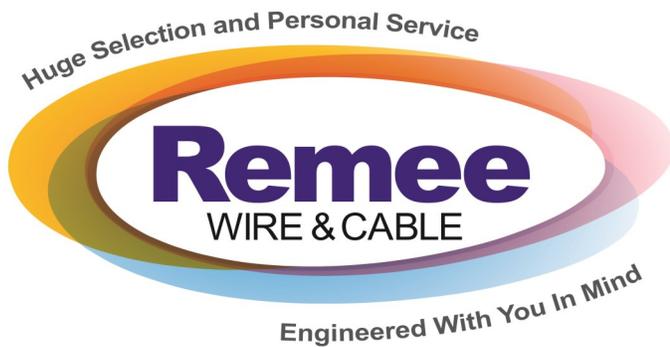


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## Specific Part Number Information for Length, Put-Up & Insulation Color:

XXX reserved for put-up and color designations

Available Length and Put-Up Designations — **L1 for 500 Foot Reel**  
**M1 for 1,000 Foot Reel**  
**B3 for 2,500 Foot Reel**  
**B5 for 5,000 Foot Reel**

Available Insulation Colors — **B for Black Insulation; Others Available with MOQ**

## Preparation for Shipment:

The cable shall be packaged to preclude the inducement of damage due to handling and transportation, and shall be in accordance with the best commercial practices available. Shipping containers shall be constructed as to eliminate any possible damage to the cables due to shipment.

**Note:** While Remeë Products Corp. has made every reasonable effort to ensure the accuracy of the information in this document, Remeë Products Corp. reserves the right to make any adjustments to the information contained herein at any time without notice. Remeë Products Corp. expressly disclaims all implied warranties regarding the information contained herein, including but not limited to, any implied warranties of merchantability or fitness for particular purpose. The dimensions in this document are for reference purposes only and are subject to change without notice.

Your signature constitutes that you have read and agreed to this specification sheet and upon confirmation of your order; this item may be non-cancelable and non-returnable.

Signature: \_\_\_\_\_  
Company: \_\_\_\_\_  
Date: \_\_\_\_\_



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