

XHHW-2/RW90 XLPE Insulation 600V/1KV Copper

UL and c(UL) listed for guaranteed performance
Made in the USA

Applications:

This document establishes the specifications for XHHW-2 wire with Copper conductors and XLPE insulation rated for 600/1000 Volts per UL Standard 44 and RW90 rated for 1000 Volts per CSA C22.2 No.238. The cable is suitable for both wet and dry locations and is Sunlight Resistant.

Construction Details:

Number of Conductors: 1/C
 Conductor: Solid and Stranded Bare or Tinned Copper,
 See Table on Page 2
 Insulation Material: XLPE
 Nominal Insulation Thickness: Per UL 44
 Nominal Insulation Diameter: Per UL 44
 Shield: Unshielded
 Jacket: Integral Construction

Surface Print:
 VoltGuard600™ by REMEE E520042 (AWG/KCMIL)
 (MM²) CU (UL) XHHW-2 600V/1000V or C(UL) RW90
 1000V 90°C DRY OR WET (-40°C) XLPE SUN RES
 DIRECT BURIAL ROHS MADE IN USA MM/YY (LOT #)
 SEQ FT

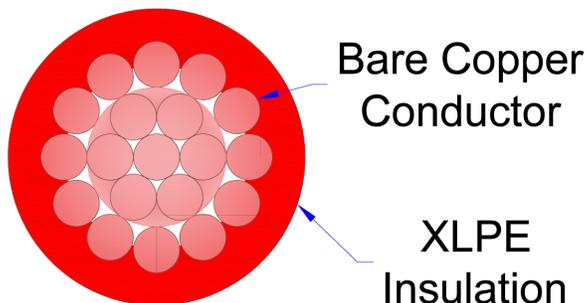
See Table on Page 2 for construction details by size.

Electricals:

Voltage Rating: 600 Volts /1000 Volts
 DC Resistance: See Table, Page 2

Options:

Conductor: See Table, Page 2
 Color: Black, Red or Others, also (with Stripe, Available
 with MOQ) See Color Information, Page 3



Drawing of 1/0AWG XHHW-2/RW90

Technical Details:

Flame Resistance FT-1 and FT-2
 Temperature Rating
 Operation -40°C to +90°C
 90°C Wet or Dry

Standards:

- National Electric Code (NFPA 70)
- UL 44 - Thermoset Insulated Wires and Cables
- UL 1581 - Standard for Electrical Wires, Cables
- CSA C22.2 No. 38 - Thermoset Insulated Wires and Cables
- 1/0 AWG and Larger CT FT-4

Codes & Listings:

- (UL) listed XHHW-2 per UL44
- c(UL) listed RW90 per CSA C22.2 No. 38

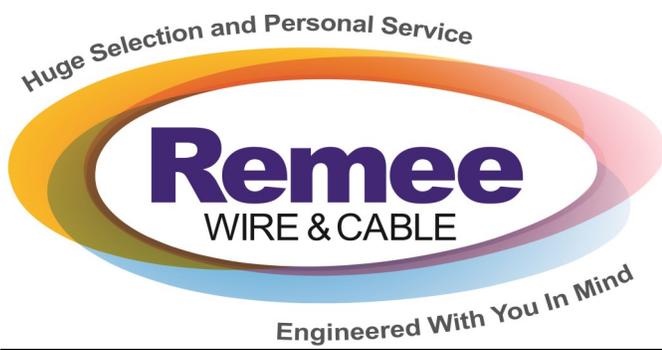


Issue Date: 02/26
 Revision: 15

All warranty information can be viewed at 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



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Remeë Part Number*	Size AWG	Size kcmil	Size mm ²	Standard Number of Strands	Approximate Weight (Lbs/Kft)	Insul. Thickness (in.)	OD, Nom. (in.)	Nom. DCR, @ 20°C (Ω/KFT)		Ampacity 90°C**
								Bare	Tinned	
XHHW1401XXMUL	14		2.1	1	17	0.030	0.124	2.55	2.65	35
XHHW1407XXMUL	14		2.1	7	18	0.030	0.130	2.57	2.78	35
XHHW1210XXMUL	12		3.3	1	25	0.030	0.141	1.60	1.65	40
XHHW1207XXMUL	12		3.3	7	27	0.030	0.152	1.63	1.75	40
XHHW1001XXMUL	10		5.3	1	38	0.030	0.162	1.00	1.04	55
XHHW1007XXMUL	10		5.3	7	40	0.030	0.171	1.02	1.08	55
XHHW0807XXMUL	8		8.4	7	65	0.045	0.232	0.639	0.679	80
XHHW0607XXMUL	6		13.3	7	96	0.045	0.268	0.403	0.427	105
XHHW0407XXMUL	4		21.2	7	147	0.045	0.311	0.253	0.269	140
XHHW0307XXMUL	3		26.7	7	183	0.045	0.337	0.201	0.209	165
XHHW0207XXMUL	2		33.6	7	227	0.045	0.367	0.159	0.169	190
XHHW0119BCMUL	1		42.4	19	291	0.055	0.435	0.126		220
XHHW1/019BCMUL	1/0		53.5	19	363	0.055	0.477	0.100		260
XHHW2/019BCMUL	2/0		67.4	19	453	0.055	0.521	0.0794		300
XHHW3/019BCMUL	3/0		85.0	19	565	0.055	0.571	0.0629		350
XHHW4/019BCMUL	4/0		107	19	706	0.055	0.627	0.0500		405
XHHW25037BCMUL		250	127	37	835	0.065	0.695	0.0422		455
XHHW30037BCMUL		300	152	37	995	0.065	0.748	0.0353		500
XHHW35037BCMUL		350	177	37	1155	0.065	0.798	0.0302		570
XHHW40037BCMUL		400	203	37	1314	0.065	0.843	0.0264		615
XHHW50037BCMUL		500	253	37	1633	0.065	0.927	0.0212		700
XHHW60061BCMUL		600	304	61	1965	0.080	1.033	0.0176		780
XHHW70061BCMUL		700	355	61	2282	0.080	1.102	0.0151		850
XHHW75061BCMUL		750	380	61	2240	0.080	1.135	0.0141		885
XHHW100061BCMUL		1000	507	61	3229	0.080	1.284	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)



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