

# XHHW/XHHW-2, CT Copper, XLPE Insulated

VW-1; GR; SR; RW90; 600 V



A Viakable Company

## Features

UL Listed as Types XHHW/XHHW-2.  
 Sizes 1/0 and larger are UL Listed and marked CT USE in accordance with NEC meeting UL 1685 vertical-tray flame exposure at 70,000 Btu/hr.  
 Sunlight Resistant in all colors.  
 Rated VW-1, Gas & Oil Resistant I or II.  
 Listed RW90 per UL.  
 Complete cable is Lead Free and RoHS compliant.

## Application

These cables are used for general purpose wiring in circuits not exceeding 600 volts.  
 May be used in wet or dry locations, installed in conduit, duct, or open air.

## Standards

UL 44/CSA C22.2 No. 38  
 Thermoset-Insulated Wire and Cable.  
 ICEA S-95-658/NEMA WC70  
 Nonshielded 0 – 2 kV Cables.

## Specifications

Maximum operating voltage:  
 • 600 volts  
 Maximum conductor operation temperatures:  
 • 90 °C wet and dry

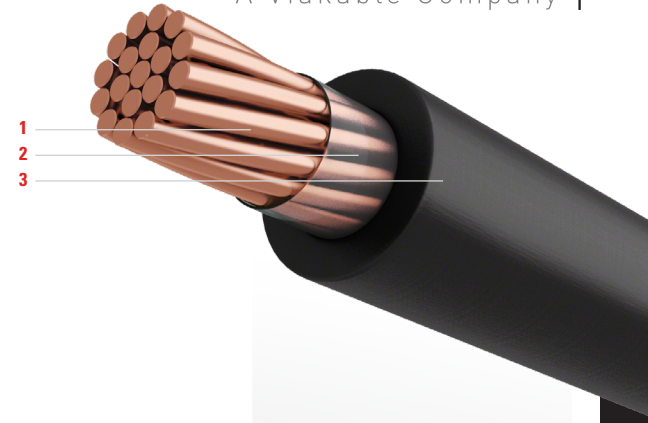
## Engineering Information

**1. Conductor:** Soft annealed uncoated copper compressed Class B stranding, or unilay-compressed per ASTM B8.  
**Sizes:** 14 AWG – 1000 kcmil.

*On request, larger sizes available.*

**2. Separator:** A suitable opaque tape, as required.

**3. Insulation:** Thermoset flame retardant cross-linked polyethylene (XLPE). Color conductors sizes 14 – 8 AWG. Black conductors sizes 6 AWG and above.



## Technical Data

### XHHW/XHHW-2 600 V

Size AWG or kcmil	Number of Strands	Insulation Thickness	Approximate Outside Diameter	Approximate Net Weight
		mil	in	lb/kft
14	7	30	0.13	18
12	7	30	0.15	27
10	7	30	0.18	40
8	7	45	0.24	67
6	7	45	0.27	101
4	7	45	0.32	153
2	7	45	0.38	236
1	19	55	0.44	298
1/0	19	55	0.48	369
2/0	19	55	0.53	459
3/0	19	55	0.58	572
4/0	19	55	0.63	713
250	37	65	0.70	849
300	37	65	0.75	1010
350	37	65	0.80	1171
400	37	65	0.85	1331
500	37	65	0.93	1651
600	61	80	1.04	1997
750	61	80	1.14	2477
1000	61	80	1.29	3272

The above data are approximate and subject to normal manufacturing tolerances. Other sizes available upon request.

**Ampacities:** Refer to beginning of section.

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