

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.
- Rated for CT use, 1/0 AWG and larger.
- Sunlight Resistant in all colors.
- Rated VW-1, Gas & Oil Resistant I or II.
- Listed RW90 per UL.

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 Rubber-Insulated wires & cables.
- 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

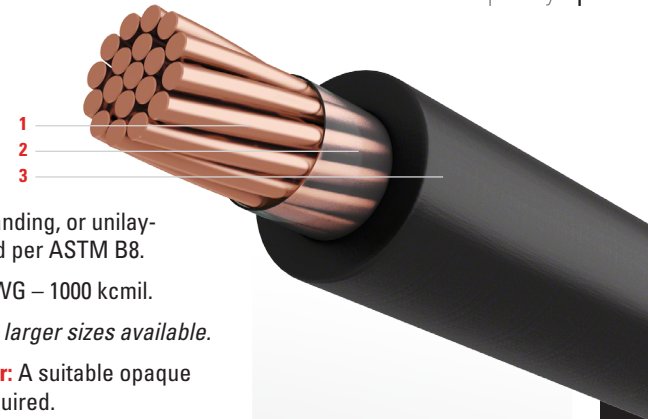
Class B stranding, or unilay-compressed per ASTM B8.

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 mil	Approximate Outside Diameter in	Approximate Net Weight 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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