

RHH/RHW-2, Copper

XLPE Insulated, 2000 V



A Viakable Company

Features

UL Listed as Types RHH/RHW-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.

Complete cable is Lead Free and RoHS compliant.

Additional Ratings for all colors with premium product:

- GR I & GR II, VW-1

Application

These cables are used for general purpose wiring in circuits not exceeding 2000 volts.

May be used in wet or dry locations, installed in conduit,

duct, open air.

Standards

UL 44

Thermoset-Insulated Wire and Cable.

ICEA S-95-658/
NEMA WC70

Nonshielded 0 – 2 kV Cables.

Specifications

Maximum operating voltage:

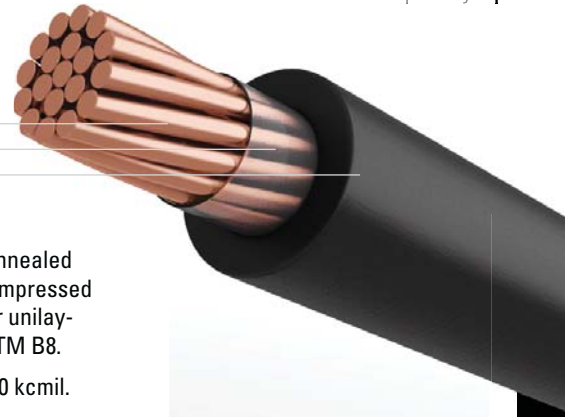
- RHH/RHW-2 up to 2000 volts

Maximum conductor operation temperatures:

- 90 °C wet and dry

Engineering

1
2
3



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: Black Thermoset flame retardant cross-linked polyethylene (XLPE).

On request, colored insulation.

Technical Data

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Size AWG or kcmil	Number of Strands	Insulation Thickness	Approximate Outside Diameter	Approximate Net Weight
		mil	in	lb/kft
14	7	60	0.20	28
12	7	60	0.22	38
10	7	60	0.24	53
8	7	70	0.29	80
6	7	70	0.33	109
4	7	70	0.37	163
2	7	70	0.43	246
1	19	90	0.52	317
1/0	19	90	0.56	390
2/0	19	90	0.60	482
3/0	19	90	0.65	596
4/0	19	90	0.71	740
250	37	105	0.78	882
300	37	105	0.84	1045
350	37	105	0.89	1209
400	37	105	0.93	1370
500	37	105	1.01	1694
600	61	120	1.12	2041
750	61	120	1.23	2524
1000	61	120	1.37	3325

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

Amcapities: Refer to beginning of section.

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