

RHH/RHW-2 Aluminum

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

Sizes: 6 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.

Engineering Information

1. Conductor: Aluminum AA-8000 alloy compacted conductor, Class B stranding, per ASTM B801.

Technical Data

RHH/RHW-2 2000 V

Size AWG or kcmil	Number of Strands	Insulation Thickness	Approximate Outside Diameter	Approximate Net Weight
		mil	in	lb/kft
6	7	70	0.32	51
4	7	70	0.36	71
2	7	70	0.42	102
1	19	90	0.49	135
1/0	19	90	0.53	161
2/0	19	90	0.57	194
3/0	19	90	0.62	234
4/0	19	90	0.67	284
250	37	105	0.75	339
300	37	105	0.80	394
350	37	105	0.84	450
400	37	105	0.88	504
500	37	105	0.96	612
600	61	120	1.07	736
700	61	120	1.13	843
750	61	120	1.17	897
1000	61	120	1.32	1161

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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