

RHH/RHW-2 – USE-2 Aluminum



1
2
3

XLPE Insulated, 600 V

Features

UL Listed as Types RHH/RHW-2 – USE-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 600 volts.
 May be used in wet or dry locations, installed in conduit, duct, open air and direct burial.

Standards

UL 44
 Thermoset-Insulated Wire and Cable.
 UL 854
 Service Entrance Cables
 ICEA S-95-658/
 NEMA WC70
 Nonshielded 0 – 2 kV cables

Specifications

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

Engineering Information

1. Conductor: Aluminum AA-8000 alloy compacted

conductor, Class B stranding, per ASTM B801

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.

Technical Data

RHH/RHW-2 – USE-2 600 V

Size AWG or kcmil	Number of Strands	Insulation Thickness	Approximate Outside Diameter	Approximate Net Weight
		mil	in	lb/kft
6	7	60	0.30	47
4	7	60	0.34	66
2	7	60	0.39	96
1	19	80	0.47	127
1/0	19	80	0.50	153
2/0	19	80	0.54	185
3/0	19	80	0.59	224
4/0	19	80	0.64	273
250	37	95	0.72	327
300	37	95	0.77	382
350	37	95	0.82	436
400	37	95	0.86	491
500	37	95	0.94	597
600	61	110	1.04	720
750	61	110	1.14	879
1000	61	110	1.29	1141

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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