

RHH/RHW-2, USE-2 Copper

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 or open air or direct burial.

Standards

UL 44

Thermoset-Insulated Wire and Cable.

UL 854

Service Entrance Cables.

ICEA S-95-658/
NEMA WC70

Nonshielded 0 – 2kV 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.

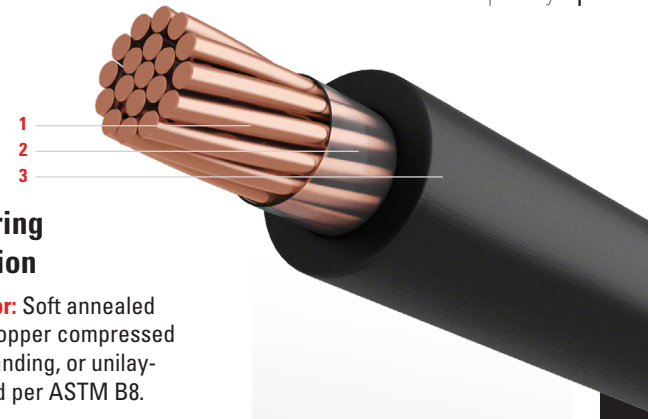
Sizes: 14 AWG – 1000 kcmil.

On request, larger sizes available.

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

3. Insulation: 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
14	7	45	0.17	23
12	7	45	0.18	32
10	7	45	0.21	46
8	7	60	0.27	75
6	7	60	0.31	104
4	7	60	0.35	157
2	7	60	0.41	240
1	19	80	0.49	310
1/0	19	80	0.53	383
2/0	19	80	0.57	475
3/0	19	80	0.62	590
4/0	19	80	0.68	733
250	37	95	0.76	871
300	37	95	0.81	1033
350	37	95	0.86	1196
400	37	95	0.91	1358
500	37	95	0.99	1681
600	61	110	1.10	2019
750	61	110	1.20	2500
1000	61	110	1.35	3298

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

Ampacities: Refer to beginning of section.

This page intentionally left blank