

RHH/RHW-2/USE-2 Copper

EPR Insulated, XLPO Jacketed, 600 V, LSOH Jacket

CME[®]
wire and cable

A Viakable Company

Features

UL Listed as Type RHH/RHW-2.
Also, UL Listed as Type USE/
USE-2.

Rated Sun Resistance for CT use,
1/0 AWG and larger.

Moisture, chemicals, and UV
resistant jacket.

Low smoke jacket.

Excellent cut-through, crush and
abrasion jacket characteristic.

Lead and sulfur/antimony
free jacket.

Flame Test: Complete cable
meets the following 70,000 BTU
vertical flame test.

- UL 1685
- ICEA T-30-520

Application

For power, lighting, signal and
control circuits installed in wet or
dry locations.

May be installed in conduit, duct,
tray and open air where low
smoke and halogen free materials
are desired.

Suitable for use in wet and
dry locations, and to operate
continuously at rated value
temperature range of -40 °C
to 90 °C.

Standards

UL 44

Thermoset-Insulated
Wire and Cable.

UL 854

Service Entrance Cables.

ICEA S-95-658

Nonshielded Power Cables
Rated 2000 volts or Less for the
Distribution of Electrical Energy.

ICEA T-33-655

Low Smoke, Halogen Free (LSHF)
Polymeric Cable Jackets.

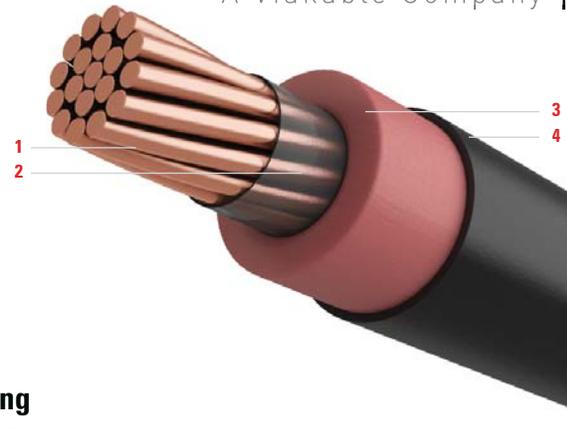
Specifications

Maximum operating voltage:

- 600 volts

Maximum conductor operation
temperatures:

- 90 °C wet and dry locations.



Engineering Information

1. Conductor: Uncoated annealed
Class B concentric stranded
copper per ASTM B8.

On request, coated copper wires.

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

3. Insulation: Flame retardant
thermoset ethylene propylene
rubber (EPR) compound.

4. Jacket: Low smoke, lead free
and halogen free (LSOH) Flame
retardant cross-linked polyolefin
(XLPO) overall jacket per
ICEA T-33-655.

Technical Data

RHH/RHW-2 /USE-2 600 V

Size AWG or kcmil	Number of Strands	Insulation Thickness		Approximate Outside Diameter in	Approximate Net Weight lb/kft
		Inner Layer	Outer Layer		
		mil	mil		
6	7	45	30	0.34	123
4	7	45	30	0.38	179
2	7	45	30	0.44	266
1	19	55	45	0.54	346
1/0	19	55	45	0.58	424
2/0	19	55	45	0.62	518
3/0	19	55	45	0.67	636
4/0	19	55	45	0.73	783
250	37	65	65	0.84	961
300	37	65	65	0.89	1109
350	37	65	65	0.94	1298
400	37	65	65	0.99	1460
500	37	65	65	1.07	1794
600	61	80	65	1.18	2155
750	61	80	65	1.28	2653
1000	61	80	65	1.43	3464

The above data are approximate and subject to normal manufacturing tolerances. Other sizes available upon request.
Ampacities: Refer to beginning of section.