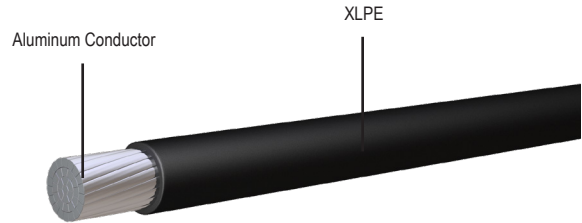


ALUMINUM BUILDING WIRE
HW003A

RHH/RHW-2/USE-2

Aluminum, XLPE Insulated 600V
90°C Dry, Wet, Direct Burial



HWC Part Number	Cond. Size (AWG/kcmil)	Insulation Thickness (mils)	Nominal Dia. over Armor (inches)	Net Cable Weight (lb/mft)	Ampacity*		
					60°C	75°C	90°C
HW003A00601	6	60	0.29	44	40	50	55
HW003A00401	4	60	0.34	64	55	65	75
HW003A00201	2	60	0.39	93	75	90	100
HW003A00101	1	80	0.46	124	85	100	115
HW003A10101	1/0	80	0.50	149	100	120	135
HW003A20101	2/0	80	0.54	180	115	135	150
HW003A30101	3/0	80	0.59	218	130	155	175
HW003A40101	4/0	80	0.64	266	150	180	205
HW003A25001	250	95	0.71	322	170	205	230
HW003A35001	350	95	0.81	431	210	250	280
HW003A50001	500	95	0.93	590	260	310	350
HW003A60001	600	110	1.04	718	285	340	385
HW003A75001	750	110	1.13	876	320	385	435

60°C - When terminated to equipment for circuits rated 100 amperes or less or marked for conductors sizes 14 through 1 AWG.

75°C - When terminated to equipment for circuits rated over 100 amperes or marked for conductors larger than size 14 1 AWG.

90°C - RHH dry locations. RHW-2 and USE-2 wet or dry locations. For ampacity derating purposes.

* Ampacities shown are for general use as specified by the National Electrical Code, 2011 Edition, Article 310.15

- All drawings, designs, specifications, plans and particulars of weights, sizes and dimensions contained in the technical or commercial documentation of HWC is indicative only and shall not be binding on HWC or be treated as constituting a representation on the part of HWC.

APPLICATION:

The cable is rated at 600 volts and 90°C for use in wet, dry, and direct burial. RHH/ RHW-2/USE-2 can be used in conduit, raceway, aerially (when supported) and directly buried in earth as recognized by the NEC.

CONDUCTORS:

Compact stranded AA-8000 series aluminum alloy per ASTM B801 or ASTM B836 and ASTM B800

INSULATION:

Black, thermoset cross-linked polyethylene (XLPE) meeting the requirements of RHH/RHW-2/USE-2 per UL 44 and UL 854

PRODUCT FEATURES:

- Cables are UL listed as Type RHH/RHW-2/USE-2
- Temperature rating of 90°C dry and wet
- Sunlight Resistant
- Lead Free
- CT Rated 1/0 AWG and larger upon request

ADDITIONAL STANDARDS:

- UL 44: Thermoset- Insulated Wires and Cables
- UL 854: Service- Entrance Cables
- NEC ART 310 & ART 338