

**RHW-2 or RHH - 2000V**

Cross-Linked Polyethylene Insulated  
8- 1000 MCM • 2000 Volts • 90°C Dry and Wet



8000 Series Aluminum

XLPE Insulation



**Cable Identification**

“ADVANCED DIGITAL CABLE, INC. XX AWG (xxmm<sup>2</sup>) AA-8000 AL COMPACT XLP 90C (-40C) E197262 (UL) TYPE RHH OR RHW-2 2KV OR USE-2 600V GR11 SR DIR BUR c(UL) RW90 2KV RoHS”

**Description**

ADC’s RHW-2 or RHH is a single conductor stranded aluminum insulated with chemically cross-linked polyethylene.

**Applications**

Suitable for use in lighting and power applications and for other general purpose wiring applications. Suitable for use in circuits not exceeding 2000 volts. May be installed in raceway, duct, and sunlight resistant applications such as aerial installations.

**Construction**

Conductors: ACM 8000 Series Aluminum class B compact stranded per ASTM B836/B801

Insulation: Cross-linked polyethylene

Colors: Black- Other colors available upon request. Consult factory for minimum requirements.

**Industry Listings & Standards**

90°C Wet or Dry  
ICEA S-95-658/NEMA WC70  
Federal Specification A-A-59544  
Meets UL 44 & 854 Requirements  
RoHS Compliant  
Sunlight Resistant  
CT Rated and/or VW-1 Rated available upon request



**Cable Data**

Part Number	AWG	Strand	Insulation Thickness (mils)	Nominal O.D. (inch)	Approximate Net Weight lbs/1M'	Aluminium Weight per lbs/1M'
308ALRH	8	7	70	.274	36	15.5
306ALRH	6	7	70	.309	48	24.7
304ALRH	4	7	70	.353	67	39.3
303ALRH	3	7	70	.378	79	49.5
302ALRH	2	7	70	.408	96	62.5
301ALRH	1	8	90	.479	128	78.4
3010ALRH	1/0	10	90	.516	153	99.4
3020ALRH	2/0	12	90	.556	175	125
3030ALRH	3/0	16	90	.603	220	157
3040ALRH	4/0	19	90	.655	270	199
30250ALRH	250 MCM	23	105	.724	330	234
30300ALRH	300 MCM	22	105	.776	380	281
30350ALRH	350 MCM	26	105	.817	430	328
30400ALRH	400 MCM	37	105	.869	490	376
30500ALRH	500 MCM	37	105	.946	600	471
30600ALRH	600 MCM	61	120	1.053	720	565
30750ALRH	750 MCM	61	120	1.148	880	706
301000ALRH	1000 MCM	61	120	1.300	1140	941

The information contained on this specification is intended to be used as a guide in product selection and is believed to be reliable. ADC has made every effort to ensure the data shown above is accurate at the time of publication. This specification is subject to change anytime without notice. REV0919

