

USE-2 POWER CABLE

Cross-Linked Polyethylene Insulated
8 - 1000 MCM • 600 Volts • 90°C Dry and Wet



8000 Series
Aluminum

XLPE Insulation



Cable Identification

“ADVANCED DIGITAL CABLE, INC. XXAWG (xxmm²)
AA-8000 AL COMPACT XLP 90C (-40C) E197262
(UL) TYPE RHH OR RHW-2 OR USE-2 GR11 SR DIR
BUR 600V c(UL) RW90 1KV RoHS”

Description

Single conductor, 90C Wet/Dry. Insulated with chemically cross-linked polyethylene insulation.

Applications

Appropriate for use in general purpose wiring for lighting and power - residential, commercial, and industrial buildings.

Construction

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

Insulation: Chemically cross-linked polyethylene

Colors: Black, Brown, Orange, Yellow, Green, White, Red, Gray, Blue.

Industry Listings & Standards

UL Listed as XLP USE-2 or RHH/RHW-2 per Standard 44 and 854
ICEA S-95-658/NEMA WC-70

Federal Specification A-A-59544

90°C Wet/Dry -40°C Rated

Gasoline and Oil Resistant II

C(UL)US RW90 1000V Listed

Sunlight Resistant

Direct Burial

RoHS Compliant

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'	Aluminum Weight per lbs/1M'
308AL	8	7	60	.254	32	15.5
306AL	6	7	60	.289	44	24.7
304AL	4	7	60	.333	62	39.3
303AL	3	7	60	.358	75	49.5
302AL	2	7	60	.388	90	62.5
301AL	1	8	80	.459	120	79
3010AL	1/0	10	80	.496	146	100
3020AL	2/0	12	80	.536	176	125
3030AL	3/0	16	80	.583	213	157
3040AL	4/0	19	80	.635	260	198
30250AL	250 MCM	23	95	.704	314	234
30300AL	300 MCM	22	95	.756	367	281
30350AL	350 MCM	26	95	.797	420	328
30400AL	400 MCM	37	95	.849	475	376
30500AL	500 MCM	37	95	.926	580	471
30600AL	600 MCM	61	110	1.033	705	565
30750AL	750 MCM	61	110	1.128	861	706
301000AL	1000 MCM	61	110	1.280	1119	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

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