

# XHHW-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. XX  
AWG (xxmm<sup>2</sup>) AA-8000 AL COMPACT  
XLP 600V 90C (-40C) GR11 SR E218985  
(UL) TYPE XHHW-2 OR c(UL) RW90  
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 XHHW-2/RW90 per Standard 44

ICEA S-95-658/NEMA WC-70

Federal Specification A-A-59544

90°C Wet/Dry -40°C Rated

Gasoline and Oil Resistant II

Sunlight Resistant

RoHS Compliant

\*VW-1/CT 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' |
|-------------|----------|--------|-----------------------------|---------------------|--------------------------------|-----------------------------|
| 208AL       | 8        | 7      | 45                          | .224                | 28                             | 15.5                        |
| 206AL       | 6        | 7      | 45                          | .259                | 40                             | 24.7                        |
| 204AL       | 4        | 7      | 45                          | .303                | 58                             | 39.3                        |
| 203AL       | 3        | 7      | 45                          | .328                | 70                             | 49.5                        |
| 202AL       | 2        | 7      | 45                          | .358                | 86                             | 62.5                        |
| 201AL       | 1        | 8      | 55                          | .408                | 111                            | 79                          |
| 2010AL      | 1/0      | 10     | 55                          | .447                | 136                            | 99                          |
| 2020AL      | 2/0      | 12     | 55                          | .484                | 166                            | 125                         |
| 2030AL      | 3/0      | 16     | 55                          | .531                | 204                            | 157                         |
| 2040AL      | 4/0      | 19     | 55                          | .580                | 251                            | 198                         |
| 20250AL     | 250 MCM  | 23     | 65                          | .644                | 303                            | 234                         |
| 20300AL     | 300 MCM  | 22     | 65                          | .696                | 358                            | 281                         |
| 20350AL     | 350 MCM  | 26     | 65                          | .737                | 412                            | 328                         |
| 20400AL     | 400 MCM  | 37     | 65                          | .789                | 469                            | 375                         |
| 20500AL     | 500 MCM  | 37     | 65                          | .866                | 576                            | 468                         |
| 20600AL     | 600 MCM  | 61     | 80                          | .973                | 705                            | 563                         |
| 20750AL     | 750 MCM  | 61     | 80                          | 1.068               | 866                            | 703                         |
| 201000AL    | 1000 MCM | 61     | 80                          | 1.220               | 1142                           | 941                         |

The information contained on this specification is intended to be used 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. REV0815

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