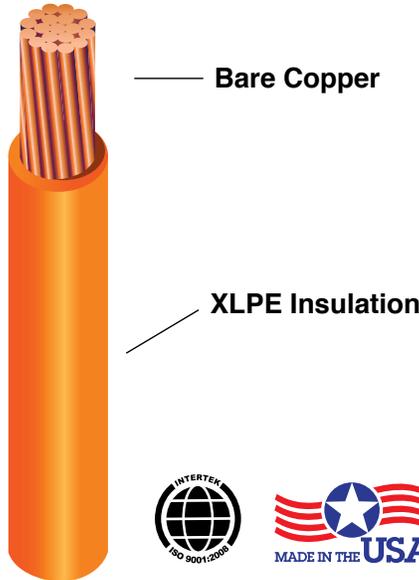


## XHHW-2 LOW SMOKE HALOGEN FREE - BUILDING WIRE

Cross-Linked Polyethylene Insulated

**14 AWG - 750 MCM • 600 Volts • 90°C Dry and Wet**



### CABLE IDENTIFICATION

“ADVANCED DIGITAL CABLE, INC. XX AWG XLP  
600 V 90C (-40C) GR II E218985 (UL) TYPE XHHW-  
2-LSHF OR c(UL) RW90---RoHS”

### DESCRIPTION

ADC's XHHW-2 is insulated with chemically cross-linked low smoke halogen free polyethylene insulation.

### APPLICATIONS

Appropriate for use in general purpose wiring for lighting and power in residential, commercial, and industrial buildings. Suitable for use in low leakage circuits requiring a dielectric constant of 3.5 or less.

### CONSTRUCTION

**Conductors:** Annealed stranded bare copper per ASTM B3 and B8. Class B Stranding per ASTM B8.

**Insulation:** Low Smoke Halogen Free Chemically cross-linked polyethylene

**Colors:** Black, Brown, Orange, Yellow, Green, White, Red. Consult factory for other colors

### INDUSTRY LISTINGS & STANDARDS

UL Listed as XHHW-2 per Standard 44  
ICEA S-95-658/NEMA WC-70  
90°C Wet/Dry -40°C Rated  
Gasoline and Oil Resistant II - GR II  
C(UL) RW90 600V Listed  
RoHS Compliant  
CT Rated 1/0 and larger



### Cable Data

| Part Number | AWG     | Strand | Insulation Thickness (mils) | Nominal O.D. (inch) | Approximate Net Weight lbs/1M' | Copper Weight per lbs/1M' |
|-------------|---------|--------|-----------------------------|---------------------|--------------------------------|---------------------------|
| 214Z        | 14      | 7      | 30                          | .131                | 18                             | 12.69                     |
| 212Z        | 12      | 7      | 30                          | .151                | 27                             | 20.16                     |
| 210Z        | 10      | 7      | 30                          | .174                | 39                             | 32.05                     |
| 208Z        | 8       | 7      | 45                          | .234                | 66                             | 51.00                     |
| 206Z        | 6       | 7      | 45                          | .271                | 98                             | 81.00                     |
| 204Z        | 4       | 7      | 45                          | .319                | 151                            | 128.90                    |
| 203Z        | 3       | 7      | 45                          | .349                | 187                            | 162.50                    |
| 202Z        | 2       | 7      | 45                          | .379                | 232                            | 204.90                    |
| 201Z        | 1       | 19     | 55                          | .442                | 298                            | 258.00                    |
| 2010Z       | 1/0     | 19     | 55                          | .480                | 371                            | 326.00                    |
| 2020Z       | 2/0     | 19     | 55                          | .525                | 461                            | 411.00                    |
| 2030Z       | 3/0     | 19     | 55                          | .575                | 572                            | 518.00                    |
| 2040Z       | 4/0     | 19     | 55                          | .635                | 721                            | 653.00                    |
| 20250Z      | 250 MCM | 37     | 65                          | .703                | 863                            | 772.00                    |
| 20300Z      | 300 MCM | 37     | 65                          | .760                | 1033                           | 926.00                    |
| 20350Z      | 350 MCM | 37     | 65                          | .807                | 1186                           | 1081.00                   |
| 20400Z      | 400 MCM | 37     | 65                          | .858                | 1357                           | 1235.00                   |
| 20500Z      | 500 MCM | 37     | 65                          | .939                | 1671                           | 1544.00                   |
| 20600Z      | 600 MCM | 61     | 80                          | 1.047               | 2019                           | 1853.00                   |
| 20750Z      | 750 MCM | 61     | 80                          | 1.158               | 2539                           | 2309.00                   |

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. Rev IC0317

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