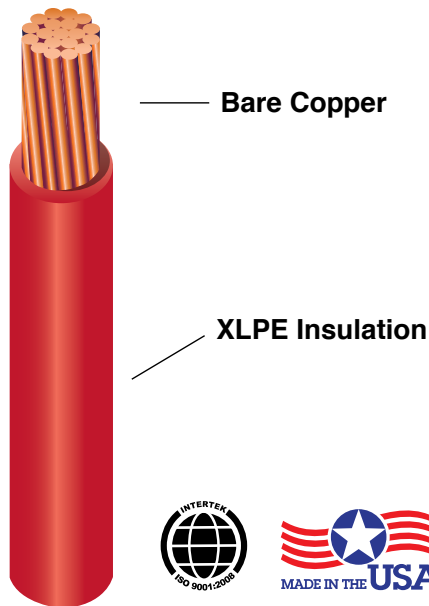


XLP USE-2 OR RHH/RHW-2 - BUILDING WIRE

Cross-Linked Polyethylene Insulated

14 AWG - 750 MCM • 600/1000 Volts • 90°C Dry and Wet



CABLE IDENTIFICATION

“ADVANCED DIGITAL CABLE, INC. XX AWG
XLP 90C (-40C) E197262 (UL) TYPE RHH OR
RHW-2 GR II SR OR USE-2 OIL RES II DIR
BUR 600V c(UL) RW90 1KV--RoHS”

DESCRIPTION

ADC's USE-2 is insulated with chemically cross-linked 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. Class B Stranding per ASTM B 8.

Insulation: Chemically cross-linked polyethylene

Colors: Black, Green, White, Red. Consult factory for other colors

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 spec A-A-59544
90°C Wet/Dry -40°C Rated
Gasoline and Oil Resistant II -GR II
C(UL) RW90 1000V Listed
Sunlight Resistant -SR
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' | Copper Weight per lbs/1M' |
|-------------|---------|--------|-----------------------------|---------------------|--------------------------------|---------------------------|
| 314 | 14 | 7 | 45 | .161 | 22 | 12.69 |
| 312 | 12 | 7 | 45 | .181 | 30 | 20.16 |
| 310 | 10 | 7 | 45 | .204 | 45 | 32.05 |
| 308 | 8 | 7 | 60 | .264 | 73 | 51.00 |
| 306 | 6 | 7 | 60 | .301 | 107 | 81.00 |
| 304 | 4 | 7 | 60 | .349 | 161 | 128.90 |
| 303 | 3 | 7 | 60 | .377 | 189 | 162.50 |
| 302 | 2 | 7 | 60 | .409 | 244 | 204.90 |
| 301 | 1 | 19 | 80 | .489 | 305 | 258.00 |
| 3010 | 1/0 | 19 | 80 | .522 | 372 | 326.00 |
| 3020 | 2/0 | 19 | 80 | .566 | 460 | 411.00 |
| 3030 | 3/0 | 19 | 80 | .616 | 568 | 518.00 |
| 3040 | 4/0 | 19 | 80 | .672 | 713 | 653.00 |
| 30250 | 250 MCM | 37 | 95 | .748 | 853 | 772.00 |
| 30300 | 300 MCM | 37 | 95 | .795 | 1017 | 926.00 |
| 30350 | 350 MCM | 37 | 95 | .851 | 1167 | 1081.00 |
| 30400 | 400 MCM | 37 | 95 | .896 | 1333 | 1235.00 |
| 30500 | 500 MCM | 37 | 95 | .979 | 1638 | 1544.00 |
| 30600 | 600 MCM | 61 | 110 | 1.086 | 1823 | 1853.00 |
| 30750 | 750 MCM | 61 | 110 | 1.188 | 2476 | 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 IC0221

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