

# Aluminum Building Wire



## XHHW Wire: XLPE, Low-Voltage Power 600V, UL Type XHHW-2, Single Conductor, Aluminum

XHHW wire is used in residential high-rise, commercial, and industrial buildings & installations for the purpose of power distribution. We stock an array of colors in various sizes.

Conductor:

- 6 AWG - 2 AWG Class B compact stranded aluminum alloy (8000 Series) per ASTM B800 and ASTM B801
- 1 AWG - 350 kcmil compact stranded SIW aluminum alloy (8000 Series) per ASTM B800, ASTM B801, and ASTM B836
- 400 kcmil - 900 kcmil Class B compact stranded aluminum alloy (8000 Series) per ASTM B800 and ASTM B801

Insulation: Flame-retardant Cross-linked Polyethylene (XLPE)



## Feeder MC: XLPE 600V, UL Type MC, Multi-Conductor, Aluminum

Feeder MC cables are used for branch, feeder, and service power distribution under high ambient temperature in commercial, industrial, institutional, casinos, and multi-residential buildings.

Conductor:

- 6 AWG - 2 AWG Class B compact stranded aluminum alloy (8000 Series) per ASTM B800 and ASTM B801
- 1 AWG - 350 kcmil compact stranded SIW aluminum alloy (8000 Series) per ASTM B800, ASTM B801, and ASTM B836
- 400 kcmil - 1000 kcmil Class B compact stranded aluminum alloy (8000 Series) per ASTM B800 and ASTM B801

Insulation: Flame-retardant Cross-linked Polyethylene (XLPE)

Armor: Aluminum Interlocked Armor



## Secondary Underground

Secondary underground distribution cables are used to run power from a pad mounted transformer to the service entry or meter of a structure. The cables are rated for installation in underground duct or directly buried in earth. They are offered in single conductor, duplex, triplex, and quadruplex.



## Service Entrance: XLPE 600V, UL Type SER & SEU, Multi-Conductor, Aluminum

SER is a type SE (service entrance), Style R (reinforcement tape) cable, used as an above ground service entrance cable, a panel feeder, and in branch circuits. It is most often used to deliver power from the service drop down to the meter base and from the meter base to the distribution panel board.

SEU is a type SE (service entrance), Unarmored (U) cable. Aluminum SEU cable is primarily used as panel feeder in multiple unit dwellings and for branch circuits.



## Mobile Home Feeder - XLPE, Low-Voltage Power 600V, UL Type USE-2/RHH/RHW-2, Multi-Conductor, Aluminum

Aluminum mobile home feeder cables are designed for mobile homes as a service entrance cable.

Conductor:

- 6 AWG - 4 AWG Class B compact stranded aluminum alloy (8000 Series) per ASTM B800 and ASTM B801
- 1 AWG - 4/0 AWG compact stranded SIW aluminum alloy (8000 Series) per ASTM B800, ASTM B801, and ASTM B836

Insulation: Flame-retardant Cross-linked Polyethylene (XLPE)

