

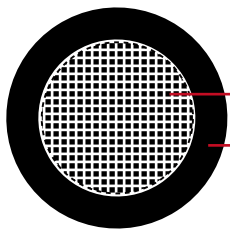


AL-XHHW-2 Power Cable, CT Rated

Applications:

Type XHHW-2 conductors are primarily used in conduit or recognized raceways for services, feeders, and branch circuit wiring as specified in the National Electrical Code 1 . XHHW-2 conductors may be used in wet or dry locations at temperatures not to exceed 90°C

Construction:



Aluminium alloy conductor

Fire retardant Cross-Linked Polyethylene insulation

Conductor:

Single core, stranded

aluminum alloy conductor

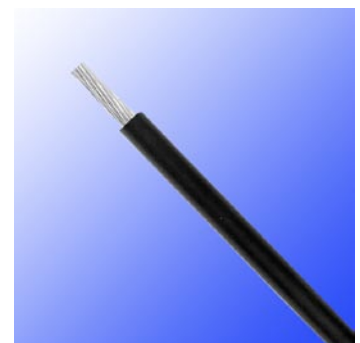
Insulation:

Flame-retardant, abrasion, heat, moisture and sunlight resistant Cross-Linked Polyethylene (FRXLPE)

Color: upon request, black is preferable

Compliances:

- ▶ UL 44 - Thermoset-Insulated Wires and Cables.
- ▶ UL - 1581 Flame Exposure Test (VW-1)
- ▶ UL 1685 - CT Flame Exposure Test.
- ▶ IEEE 1202/FT4 (2/0 AWG and larger)
- ▶ ICEA S-95-658 (NEMA WC 70) construction requirements





American Standard UL

Parameters:

| AWG or kcmil | Strand | Nominal Insulation Thickness Inch/mm | | Nominal Overall Diameter Inch/mm | | Cable Weight Lbs/kft kg/km | |
|-----------------|--------|--|------|--|-------|-------------------------------|------|
| | | | | | | | |
| 1/0 | 10 | 0.055 | 1.40 | 0.449 | 11.40 | 138 | 205 |
| 2/0 | 12 | 0.055 | 1.40 | 0.489 | 12.42 | 171 | 254 |
| 3/0 | 16 | 0.055 | 1.40 | 0.536 | 13.61 | 209 | 311 |
| 4/0 | 19 | 0.055 | 1.40 | 0.588 | 14.94 | 253 | 376 |
| 250 | 22 | 0.065 | 1.65 | 0.653 | 16.59 | 304 | 452 |
| 350 | 35 | 0.065 | 1.65 | 0.749 | 19.02 | 410 | 610 |
| 400 | 35 | 0.065 | 1.65 | 0.792 | 20.12 | 463 | 689 |
| 500 | 35 | 0.065 | 1.65 | 0.869 | 22.07 | 567 | 844 |
| 600 | 58 | 0.080 | 2.03 | 0.976 | 24.79 | 695 | 1034 |
| 750 | 58 | 0.080 | 2.03 | 1.071 | 27.20 | 851 | 1266 |
| 1000 | 58 | 0.080 | 2.03 | 1.223 | 31.06 | 1110 | 1651 |