



CONSTRUCTION

The conductors are compact stranded aluminum 8000 series alloy per ASTM B 800, ASTM B801 and ASTM B836. The insulation is cross-link polyethylene (XLPE) per UL-854 and ANSI/ICEA S-105-692. We use black insulation on the two phase labeled conductors with a neutral that is either full or reduced in size with white insulation and a green insulated ground conductor.

APPLICATION

Used to provide power from the electrical disconnect to the panel board in mobile home applications in dry, wet, and underground environments not to exceed 90° C according to the NEC. The product is sunlight resistant and suitable for direct burial.

SPECIFICATIONS

- » UL 44, UL 854
- » ASTM B 800 and 801
- » USE-2
- » RHH/RHW-2
- » 8000 Series AA
- » Sunlight resistant
- » 600V rated
- » Direct Burial Rated

| Size (AWG) | Phase Conductor | | Neutral Conductor | | Ground Conductor | | Finished Cable | | | Packaging |
|-----------------|-----------------------------|-----------------------|-----------------------------|-----------------------|-----------------------------|-----------------------|-----------------------|------------------------|-----------------------|-----------|
| | Insulation Thickness (mils) | Outside Diameter (in) | Insulation Thickness (mils) | Outside Diameter (in) | Insulation Thickness (mils) | Outside Diameter (in) | Outside Diameter (in) | Approx. Net WT per MFT | Allowable Ampacities* | |
| 2-2-4-6 | 60 | 388 | 60 | 333 | 60 | 289 | 0.878 | 296 | 100 | |
| 2-2-2-4 | 60 | 388 | 60 | 388 | 60 | 333 | 0.925 | 344 | 100 | |
| 2/0-2/0-1-4 | 80 | 536 | 80 | 459 | 80 | 333 | 1.232 | 554 | 150 | |
| 2/0-2/0-2/0-1 | 80 | 536 | 80 | 536 | 80 | 459 | 1.281 | 672 | 150 | |
| 4/0-4/0/2/0-4 | 80 | 635 | 80 | 536 | 80 | 333 | 1.512 | 848 | 205 | |
| 4/0-4/0-4/0-2/0 | 80 | 635 | 80 | 635 | 80 | 536 | 1.531 | 991 | 205 | |

*Ampacities per NEC @90N