

600V Aluminum Conductor XLP Insulation

Aluminum



*Product images are for illustrative purposes only and may differ from the actual product.

Category Conductor Description:

- Aluminum alloy 1350-H19, compressed Class B stranding

Category Insulation Description:

- Phase conductor: Black thermoset cross-linked polyethylene (XLPE)
Neutral conductor: Black thermoset cross-linked polyethylene (XLPE), with three yellow extruded stripes

Category Jacket Description:

- None

Applications:

- Used for secondary distribution and underground service at 600 volts or less
- May be used in ducts or direct burial

Standards:

- ICEA S-105-692
- RUS accepted
- UL854
- Service-Entrance Cables

PART NUMBER TABLE

| Part# | Phase Conductor AWG | Phase Conductor Stranding | Phase Conductor Insul. Thick. Mils | Neutral AWG | Neutral Stranding | Neutral Insul. Thick. Mils | Cable OD Single Phase Mils | Cable OD Complete Cable Inches | Material Weight (Lbs./M') | |
|--------------|---------------------|---------------------------|------------------------------------|-------------|-------------------|----------------------------|----------------------------|--------------------------------|---------------------------|-------|
| ERSKINE | 6 | 7 | 60 | | 7 | 60 | 0.31 | .66" | 133 | |
| Bergen | 1/0 | 19 | 80 | | 19 | 80 | 0.53 | 1.14" | 460 | |
| Fisk | 2/0 | 19 | 80 | | 7 | 60 | 0.57 | 1.24" | 468 | |
| Shaw | 2/0 | 19 | 80 | | 19 | 80 | 0.57 | 1.24" | 525 | |
| Hunter | 2/0 | 19 | 80 | | 19 | 80 | 0.57 | 1.24" | 558 | |
| Calvert | 3/0 | 19 | 80 | | 7 | 60 | 0.62 | 1.34" | 547 | |
| Chase | 3/0 | 19 | 80 | | 19 | 80 | 0.62 | 1.34" | 579 | |
| Hollins | 3/0 | 19 | 80 | | 19 | 80 | 0.62 | 1.34" | 605 | |
| Rockland | 3/0 | 19 | 80 | | 19 | 80 | 0.62 | 1.34" | 677 | |
| Coburn | 4/0 | 19 | 80 | | 19 | 80 | 0.68 | 1.47" | 680 | |
| Molloy | 4/0 | 19 | 80 | | 19 | 80 | 0.68 | 1.47" | 705 | |
| Aquinas | 250 | 37 | 95 | | 19 | 80 | 0.76 | 1.63" | 844 | |
| Yeshiva | 250 | 37 | 95 | | 37 | 95 | 0.76 | 1.63" | 987 | |
| Allen | 300 | 37 | 95 | | 19 | 80 | 0.81 | 1.75" | 956 | |
| Greenville | 350 | 37 | 95 | | 19 | 80 | 0.86 | 1.85" | 1034 | |
| BRENAU | 1/0 | 19 | 80 | 2 | | 7 | 60 | 0.53 | 1.14" | 385 |
| CONVERSE | 2/0 | 19 | 80 | 1 | | 19 | 80 | 0.57 | 1.19" | 480 |
| MONMOUTH | 4/0 | 19 | 80 | 4/0 | | 19 | 80 | 0.68 | 1.47" | 828.1 |
| Gloucester | 350 | 37 | 95 | | 19 | 80 | 0.86 | 1.85" | 1106 | |
| PRATT | 250 | 37 | 95 | 3/0 | | 19 | 80 | 0.76 | 1.63" | 862 |
| RAMAPO | 2 | 7 | 60 | 2 | | 7 | 60 | 0.41 | .88" | 272 |
| RIDER | 500 | 37 | 95 | 350 | | 37 | 95 | 0.99 | 2.05" | 1607 |
| STEPHENS | 2 | 7 | 60 | 4 | | 7 | 60 | 0.41 | .88" | 243 |
| Newark | 350 | 37 | 95 | | 37 | 95 | 0.86 | 1.85" | 1320 | |
| SWEETBRIAR | 4/0 | 19 | 80 | 2/0 | | 19 | 80 | 0.68 | 1.41" | 706 |
| VASSAR | 4 | 7 | 60 | 4 | | 7 | 60 | 0.35 | .76" | 188 |
| WESLEYAN | 350 | 37 | 95 | 4/0 | | 19 | 80 | 0.86 | 1.79" | 1123 |
| Old Dominion | 500 | 37 | 95 | | 19 | 80 | 0.99 | 2.13" | 1483 | |
| Holyoke | 500 | 37 | 95 | | 37 | 95 | 0.99 | 2.13" | 1592 | |
| WestChester | 500 | 37 | 95 | | 37 | 95 | 0.99 | 2.13" | 1811 | |
| Villanova | 750 | 61 | 110 | | 37 | 95 | 1.2 | 2.58" | 2215 | |
| Voorhees | 750 | 61 | 110 | | 37 | 95 | 1.2 | 2.58" | 2324 | |
| Fairfield | 750 | 61 | 110 | | 37 | 95 | 1.2 | 2.58" | 2379 | |
| Seton Hall | 750 | 61 | 110 | | 61 | 110 | 1.2 | 2.58" | 2662 | |

Note: The data shown are approximate and subject to standard industry and manufacturer tolerances.

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