

## ALL ALUMINUM ALLOY CONDUCTORS (AAAC) PHYSICAL DATA

| Codeword | Size (kcmil) | No. of Wires | Nominal Diameter (in.) |                    | ACSR with Equal Diameter |           | Approx. AAC with Equal Resistance | Nominal Weight (lb/kft) | Rated Strength (lbf) |
|----------|--------------|--------------|------------------------|--------------------|--------------------------|-----------|-----------------------------------|-------------------------|----------------------|
|          |              |              | Individual Wires       | Complete Conductor | Size (AWG)               | Stranding |                                   |                         |                      |
| Alton    | 48.69        | 7            | 0.0834                 | 0.250              | 4                        | 6/1       | 4                                 | 45.4                    | 1760                 |
| Ames     | 77.47        | 7            | 0.1052                 | 0.316              | 2                        | 6/1       | 2                                 | 72.2                    | 2800                 |
| Azusa    | 123.3        | 7            | 0.1327                 | 0.398              | 1/0                      | 6/1       | 1/0                               | 114.9                   | 4270                 |
| Anaheim  | 155.4        | 7            | 0.1490                 | 0.447              | 2/0                      | 6/1       | 2/0                               | 144.9                   | 5390                 |
| Amherst  | 195.7        | 7            | 0.1672                 | 0.502              | 3/0                      | 6/1       | 3/0                               | 182.5                   | 6790                 |
| Alliance | 246.9        | 7            | 0.1878                 | 0.563              | 4/0                      | 6/1       | 4/0                               | 230.2                   | 8560                 |