|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ALUMINIUM CONDUCTOR STEEL REINFORCED  ACSR ASTM B232 | | | | | | | | | | | | | |
| Code  Name | Calculated Area | | | | Stranding an Wire Diameter | | Appro Overa | Weigh | | | Nominal  Breaking  Load | Max.D.C Resistance at 20℃ | Standar ength |
| Nominal | Alum. | Steel | Total | Alum. | Steel | Diametor | Alum. | Steel | Total |
|  | AWG. | mm' | mm² | mm² | mm | mm | mm | kg/km | kg/km | kg/km | kN | Ω/km | m±5% |
| Eagle | 556.5 | 282.00 | 65.81 | 347.81 | 30/3.46 | 7/3.46 | 24.21 | 783 | 515 | 1298 | 122.92 | 0.1030 | 3500 |
| Peacock | 605 | 306.58 | 39.74 | 346.32 | 24/4.03 | 7/2.69 | 24.20 | 849 | 311 | 1160 | 95.88 | 0.0945 | 3000 |
| Squab | 605 | 306.58 | 49.94 | 356.52 | 26/3.87 | 7/3.01 | 24.51 | 850 | 390 | 1240 | 108.14 | 0.0945 | 3000 |
| Wood Duck | 605 | 306.58 | 71.55 | 378.13 | 30/3.61 | 7/3.61 | 25.25 | 851 | 560 | 1411 | 128..84 | 0.0947 | 3000 |
| Teal | 605 | 306.58 | 69.87 | 376.45 | 30/3.61 | 19/2.16 | 25.24 | 851 | 548 | 1399 | 133.59 | 0.0947 | 2000 |
| Kingbird | 636 | 322,26 | 17.90 | 340.16 | 18/4.78 | 1/4.78 | 23.88 | 889 | 139 | 1028 | 69.55 | 0.08945 | 2000 |
| Rook | 636 | 322.26 | 41.81 | 364.07 | 24/4.14 | 7/2.76 | 24.84 | 893 | 326 | 1219 | 100.83 | 0.08989 | 2500 |
| Grosbeak | 636 | 322.26 | 52.45 | 374.71 | 26/3.97 | 7/3.09 | 25.15 | 893 | 409 | 1302 | 111.80 | 0.08989 | 3000 |
| Scoter | 636 | 322.26 | 75.22 | 397.48 | 30/3.70 | 7/3.70 | 25.88 | 895 | 589 | 1484 | 135.44 | 0.09011 | 3000 |
| **Egret** | 636 | 322.26 | 73.55 | 395.81 | 30/3.70 | 19/2.22 | 25.90 | 894 | 576 | 1470 | 140.30 | 0.09011 | 3000 |
| Swift | 636 | 322.26 | 8.96 | 331.22 | 36/3.38 | 1/3.38 | 23.62 | 888 | 70 | 958 | 60.52 | 0.08945 | 2000 |
| Flamingo | 666..6 | 337.74 | 43.81 | 381.55 | 24/4.23 | 7/2.82 | 25.40 | 936 | 342 | 1278 | 105.66 | 0.08577 | 2500 |
| Gannet | 666.6 | 337.74 | 55.03 | 392.77 | 26/4.07 | 7/3.16 | 25.76 | 936 | 429 | 1365 | 117.33 | 0.08577 | 2500 |
| Stilt | 715.5 | 362.58 | 46.97 | 409.55 | 24/4.39 | 7/2.92 | 2631 | 1005 | 367 | 1372 | 113.35 | 0.07989 | 2000 |
| **Starling** | 715.5 | 362.58 | 59.03 | 421.61 | 26/4.21 | 7/3.28 | 26.68 | 1005 | 461 | 1466 | 125.91 | 0.07989 | 2500 |
| **Redwing** | 715.5 | 362.58 | 82.58 | 445.16 | 30/3.92 | 19/2.35 | 27.43 | 1006 | 647 | 1653 | 153.94 | 0.08009 | 2000 |
| Tern | 795 | 402.84 | 27.87 | 430.71 | 45/3.38 | 7/2.25 | 27.03 | 1116 | 217 | 1333 | 97.37 | 0.07191 | 2500 |
| Condor | 795 | 402.84 | 52.19 | 455.03 | 54/3.08 | 7/3.08 | 27.72 | 1116 | 408 | 1524 | 124.45 | 0.07191 | 3000 |
| Cuckoo | 795 | 402.84 | 52.19 | 455.03 | 24/4.62 | 7/3.08 | 27.74 | 1116 | 408 | 1524 | 123.94 | 0.07191 | 2000 |
| **Drake** | **795** | 402.84 | 65.61 | 468.35 | 26/4.44 | 7/3.45 | 28.11 | 1116 | 512 | 1628 | 139.92 | 0.07191 | 2000 |
| **Coot** | **795** | 402.84 | 11.16 | 414 | 36/3.77 | 1/3.77 | 26..41 | 1110 | 88 | 1198 | 74.34 | 0.07156 | 3000 |
| Mallard | 795 | 402.84 | 91.87 | 494.71 | 30/4.14 | 19/2.48 | 28.96 | 1119 | 719 | 1838 | 171.18 | 0.07208 | 2500 |
| Ruddy | **900** | 456.06 | 31.54 | 487.60 | 45/3.59 | 7/2.40 | 28.73 | 1263 | 247 | 1510 | 108.96 | 0.06351 | 2000 |
| Canary | 900 | 456.06 | 59.10 | 515.16 | 54/3.28 | 7/3.28 | 29.52 | 1263 | 461 | 1724 | 140.95 | 0.06351 | 2000 |
| Rail | 954 | 483.42 | 33.42 | 516.84 | 45/3.70 | 7/2.47 | 29.61 | 1339 | 262 | 1601 | 115..63 | 0.05992 | 2000 |
| Catbird | 954 | 483.42 | 13.42 | 496.84 | 36/4.14 | 1/4.14 | 28.95 | 1333 | 105 | 1438 | 87.66 | 0.05962 | 2500 |
| Cardinal | 954 | 483.42 | 62.65 | 546.07 | 54/3.38 | 7/3.38 | 30.42 | 1339 | 490 | 1829 | 149.36 | 0.05992 | 2500 |