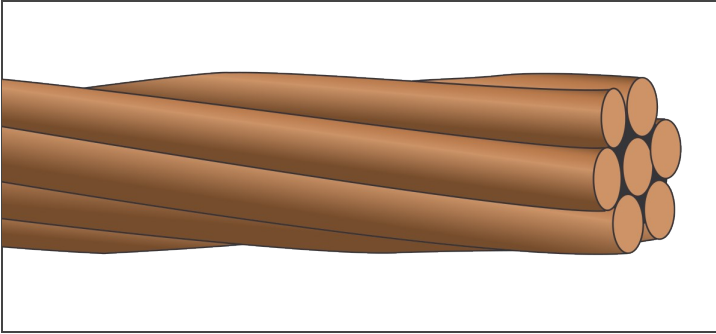


## BARE COPPER



## STRANDED CONDUCTOR

### Bare or Tinned

Soft (Annealed), Medium Hard, Hard Drawn  
250 Kcmil - 1,000 Kcmil



### Description:

Stranded conductors offer greater flexibility than solid.

### Application:

Suitable for use in electrical grounding systems (*including counterpoise grounding*) and on insulators for overhead transmission and distribution applications.

### Standards:

ASTM Standards: B-1 (*hard drawn*), B-2 (*medium hard drawn*),  
B-3 (*soft or annealed*), B-8 (*concentric lay stranded*), B-33 (*tinned*)  
REA/RUS Approved  
Federal Standard QQ-W-343  
RoHS Compliant

| Part Number | Size (Kcmil) | Strand (no.) | Stranding Class | Nominal Diameter (in.) | Approx. Net Weight (lb./1000') | HARD DRAWN Min. Breaking Strength (lbs.) | HARD DRAWN DC Resistance (OHMS/1000') @ 20°C | MED HARD DRAWN Min. Breaking Strength (lbs.) | MED HARD DRAWN DC Resistance (OHMS/1000') @ 20°C | SOFT (BARE) DC Resistance (OHMS/1000') @ 20°C | SOFT (TINNED) DC Resistance (OHMS/1000') @ 20°C | Ampacity* |
|-------------|--------------|--------------|-----------------|------------------------|--------------------------------|--|--|--|--|---|---|-----------|
| BST19S250   | 250          | 19           | A               | 0.574                  | 771.90                         | 11,360                                   | 0.0440                                       | 8,836  | 0.0438   | 0.0423  | 0.0435  | 494       |
| BST37S250   | 250          | 37           | B               | 0.572                  | 771.90                         | 11,600                                   | 0.0440                                       | 8,952  | 0.0438   | 0.0423  | 0.0440  | 494       |
| BST19S300   | 300          | 19           | A               | 0.629                  | 926.30                         | 13,510                                   | 0.0366                                       | 10,530                                       | 0.0365   | 0.0352  | 0.0363  | 556       |
| BST37S300   | 300          | 37           | B               | 0.629                  | 926.30                         | 13,855                                   | 0.0366                                       | 10,732                                       | 0.0365   | 0.0353  | 0.0367  | 556       |
| BST19S350   | 350          | 19           | A               | 0.678                  | 1,081.00                       | 15,590                                   | 0.0314                                       | 12,200                                       | 0.0313   | 0.0302  | 0.0311  | -         |
| BST37S350   | 350          | 37           | B               | 0.676                  | 1,081.00                       | 16,070                                   | 0.0314                                       | 12,462                                       | 0.0313   | 0.0302  | 0.0314  | -         |
| BST19S400   | 400          | 19           | A,AA            | 0.726                  | 1,235.00                       | 17,810                                   | 0.0275                                       | 13,950                                       | 0.0273   | 0.0264  | 0.0272  | -         |
| BST37S400   | 400          | 37           | B               | 0.721                  | 1,235.00                       | 18,331                                   | 0.0275                                       | 14,144                                       | 0.0273   | 0.0264  | 0.0272  | -         |
| BST19S500   | 500          | 19           | AA              | 0.811                  | 1,544.00                       | 21,942                                   | 0.0220                                       | 17,313                                       | 0.0219   | 0.0212  | 0.0218  | 773       |
| BST37S500   | 500          | 37           | A,B             | 0.796                  | 1,544.00                       | 22,495                                   | 0.0220                                       | 17,517                                       | 0.0219   | 0.0212  | 0.0218  | 773       |
| BST61S600   | 600          | 61           | B               | 0.887                  | 1,853.00                       | 27,530                                   | 0.0183                                       | 21,350                                       | 0.0182   | 0.0176  | 0.0181  | -         |
| BST37S750   | 750          | 37           | AA              | 0.997                  | 2,316.00                       | 33,411                                   | 0.0146                                       | 26,162                                       | 0.0146   | 0.0141  | 0.0145  | 1,000     |
| BST61S750   | 750          | 61           | A,B             | 0.985                  | 2,316.00                       | 34,090                                   | 0.0146                                       | 26,510                                       | 0.0146   | 0.0141  | 0.0145  | 1,000     |
| BST37S1000  | 1000         | 37           | AA              | 1.152                  | 3,088.00                       | 43,826                                   | 0.0110                                       | 34,396                                       | 0.0109   | 0.0106  | 0.0109  | 1,193     |
| BST61S1000  | 1000         | 61           | A,B             | 1.152                  | 3,088.00                       | 45,030                                   | 0.0110                                       | 35,100                                       | 0.0109   | 0.0106  | 0.0109  | 1,193     |

\*Per NEC Table 310.15 (B)(21). Based on conductor temperature of 80°C; ambient temperature of 40°C; 2 ft./sec. wind. NOTE: The data shown is approximate and subject to standard industry tolerances.