

AA-59551 Silver Copper Buss Wire



The AA59551 mil spec approved wire is one class of copper wire that serves two general purposes. It can serve as a ground wire for electrical wires and it can also be used to be the cable for ground wires. The most common material that is used for this type of wire is copper. Specifically, manufacturers call these wires as made of bare copper, i.e. wires that are made of solid copper. The advantage of using bare copper wires for electrical wire or grounds wires is that they generally have no insulation.

| Blake Part Number | AWG Size | Diameter (inches) | Max. Breaking Strength | Max. DC Resistance @ 20°C | Weight |
|-------------------|----------|-------------------|------------------------|---------------------------|-------------------|
| BSC-361 | 36 | 0.005 | .785 lbs. | 445 Ohms/1000 ft. | .076 lbs./1000 ft |
| BSC-341 | 34 | 0.006 | 1.25 lbs. | 280 Ohms/1000 ft. | .120 lbs./1000 ft |
| BSC-321 | 32 | 0.008 | 1.99 lbs. | 176 Ohms/1000 ft. | .191 lbs./1000 ft |
| BSC-301 | 30 | 0.010 | 3.16 lbs. | 111 Ohms/1000 ft. | .304 lbs./1000 ft |
| BSC-281 | 28 | 0.013 | 5.02 lbs. | 68.9 Ohms/1000 ft. | .484 lbs./1000 ft |
| BSC-261 | 26 | 0.016 | 7.98 lbs. | 43.3 Ohms/1000 ft. | .769 lbs./1000 ft |
| BSC-241 | 24 | 0.020 | 12.7 lbs. | 27.3 Ohms/1000 ft. | 1.22 lbs./1000 ft |
| BSC-221 | 22 | 0.025 | 19.4 lbs. | 17.0 Ohms/1000 ft. | 1.95 lbs./1000 ft |
| BSC-201 | 20 | 0.032 | 30.9 lbs. | 10.6 Ohms/1000 ft. | 3.09 lbs./1000 ft |
| BSC-181 | 18 | 0.040 | 49.1 lbs. | 6.64 Ohms/1000 ft. | 4.92 lbs./1000 ft |
| BSC-161 | 16 | 0.051 | 78.1 lbs. | 4.18 Ohms/1000 ft. | 7.82 lbs./1000 ft |
| BSC-141 | 14 | 0.064 | 124 lbs. | 2.63 Ohms/1000 ft. | 12.4 lbs./1000 ft |
| BSC-121 | 12 | 0.081 | 198 lbs. | 1.65 Ohms/1000 ft. | 19.8 lbs./1000 ft |
| BSC-101 | 10 | 0.102 | 314 lbs. | 1.04 Ohms/1000 ft. | 31.4 lbs./1000 ft |
| BSC-081 | 8 | 0.129 | 480 lbs. | .646 Ohms/1000 ft. | 50.0 lbs./1000 ft |