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| **AA-59551 Tinned Copper Buss Wire** |

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|  | Tinned Copper Buss Wire was previously considered Type QQ-W-343, Mil-W-3861, and ASTM-B-33 wire, but it now falls under the **Mil-Spec A-A-59551** specification. It is composed of pure electrolytic soft drawn, solid copper, which is properly annealed and tinned for quick soldering. This tinned copper wiring may be used for winding of coils, antennas, point-to-point wiring and for ground wire applications |

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