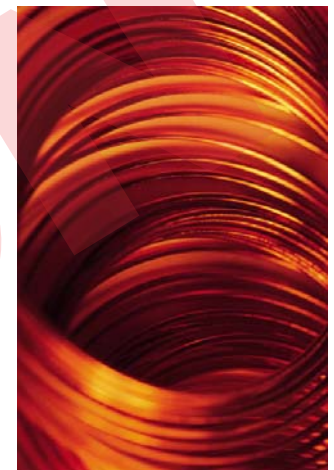


## SOLID COPPER BUSS WIRES

Orion Wire Company supplies Solid Copper Buss Wires with an annealed temper in bare and plated versions for use in a variety applications. Please refer to the table below to find the information on the wire you need.

Should you need a special temper or custom alloy wire, please contact us to discuss your requirements.

Part Number	Conductor Size AWG   Dimensions	Resistance Ohms/1,000 FT	Conductor Weight LBS/1,000 FT (FT/LB)
UN02-000102xx	2 AWG   .2567" ± .0026"	.1563	200.9 (4.98)
UN04-000104xx	4 AWG   .2043" ± .0020"	.2485	126.3 (7.92)
UN06-000106xx	6 AWG   .1620" ± .0016"	.3952	79.44 (12.59)
UN08-000106xx	8 AWG   .1285" ± .0013"	.6281	49.98 (20.01)
UN10-000106xx	10 AWG   .1019" ± .0010"	.9987	31.43 (31.82)
UN12-000112xx	12 AWG   .0808" ± .0008"	1.588	19.76 (50.61)
UN14-000114xx	14 AWG   .0641" ± .0006"	2.524	12.44 (80.39)
UN16-000116xx	16 AWG   .0508" ± .0005"	4.018	7.81 (128.0)
UN18-000118xx	18 AWG   .0403" ± .0004"	6.386	4.91 (203.5)
UN20-000120xx	20 AWG   .0320" ± .0003"	10.13	3.10 (322.7)
UN22-000122xx	22 AWG   .0253" ± .0003"	16.20	1.94 (516.3)
UN24-000124xx	24 AWG   .0201" ± .0002"	25.67	1.22 (817.7)
UN26-000126xx	26 AWG   .0159" ± .0002"	41.02	.7650 (1,307)
UN28-000128xx	28 AWG   .0126" ± .0001"	65.31	.4806 (2,081)
UN30-000130xx	30 AWG   .0100" ± .0001"	103.7	.3025 (3,306)
UN32-000132xx	32 AWG   .0080" ± .0001"	162.0	.1937 (5,163)
UN34-000134xx	34 AWG   .0063" ± .0001"	261.3	.1201 (8,326)
UN36-000136xx	36 AWG   .0050" ± .0001"	414.8	.0757 (13,212)
UN38-000138xx	38 AWG   .0040" ± .0001"	648.2	.0484 (20,644)
UN40-000140xx	40 AWG   .0031" ± .0001"	1079.2	.0291 (34,364)



### Other Non-Insulated Wires Available from Orion Wire Company

Solid Nickel Conductor

Solid Silver Conductor

Solid & Stranded Resistance Wires

Solid & Stranded Copper-Clad Steel

Solid & Stranded Stainless Steel

Solid & Stranded High-Strength Alloys

To order add Plating Type to above P/N	Solid Copper Buss Wires meet the requirements of A-A-59551 Type S and referenced ASTM Standard
-BC	Bare Copper per ASTM B 3
-TC	Tinned Copper per ASTM B 33
-SP	Silver Plated Copper per ASTM B 298
-NP	Nickel Plated Copper per ASTM B 355



*From a phone call, a penciled sketch or a completed drawing, we have the ability to work with you to find the optimal solution for your unique application.*