



# Soft Drawn Stranded Bus Wire

## Tinned or Bare Copper

### Description

The concentric-lay stranded copper conductor is available in hard drawn, soft drawn, or medium drawn constructions. The stranded bus wire is also available in tinned or bare copper conductors, for whatever your application may be.

### Construction

Stranded bare copper or tinned copper conductor  
Uninsulated hard drawn conductor

### Application

The stranded bus wire or bus bar is typically used in overhead electrical transmissions and for the distribution of electrical grounding systems. The bus wire is also used where electrical systems require high flexibility, high conductivity and are suitable for various demanding applications.

### Approvals

ASTM B-2  
ASTM B-8

Sycor Part No	Size AWG	Stranding	Nominal O.D		Soft Drawn		Approx Weight	
					Rated Strength (lbs)	DC Resistance Ohms / 1000FT @ 20°C		
A0A2907T-S	29	7	0.0132	0.338	-	-	0.411	0.61167
A0A2807T-S	28	7	0.0148	0.375	-	-	0.531	0.79026
A0A2707T-S	27	7	0.0154	0.391	-	-	0.575	0.85574
A0A2607T-S	26	7	0.0189	0.48	-	-	0.843	1.2546
A0A2507T-S	25	7	0.021	0.533	-	-	1.09	1.62219
A0A2407T-S	24	7	0.024	0.609	-	-	1.369	2.03742
A0A2307T-S	23	7	0.0255	0.647	-	-	1.534	2.28298
A0A2207T-S	22	7	0.03	0.762	-	-	2.16	3.21462
A0A2107T-S	21	7	0.0337	0.855	-	-	2.72	4.04804
A0A2007T-S	20	7	0.0378	0.96	-	-	3.4	5.06006
A0A1907T-S	19	7	0.042	1.066	-	-	3.95	5.87859
A0A1807T-S	18	7	0.0456	1.158	-	-	4.93	7.33708
A0A1607T-S	16	7	0.059	1.498	-	-	8.66	12.8883
A0A1507T-S	15	7	0.064	1.625	-	-	9.74	14.4956
A0A1407T-S	14	7	0.0726	1.844	-	-	12.66	18.8413
A0A1307T-S	13	7	0.079	2.006	-	-	14.91	22.1898
A0A1207T-S	12	7	0.0915	2.324	-	-	19.91	29.6311
A0A1107T-S	11	7	0.098	2.489	-	-	24.12	35.8966
A0A1007T-S	10	7	0.13	3.302	314	1.019	32.06	47.7134
A0A0807T-S	8	7	0.146	3.708	499	1.019	51	75.9008
A0A0607T-S	6	7	0.184	4.673	794	0.6408	81.1	120.697
A0A0407T-S	4	7	0.232	5.892	1320	0.403	128.9	191.836
A0A0307T-S	3	7	0.26	6.604	1670	0.2534	162.5	241.841
A0A0207T-S	2	7	0.292	7.416	2110	0.201	204.9	304.943
A0A0107T-S	1	7	0.328	8.331	2552	0.1578	258.4	384.564
A0A1/007T-S	1/0	7	0.368	9.347	3221	0.1252	325.8	484.872

Additional standing and gauges available upon request. Please contact us to enquire.

\*Replace T with B for a bare copper conductor.

### Value Added Services



Cutting



Re-Spooling



Terminating



Tin Dipping

Sycor Technology Inc., 1-2220 Argentia Road, Mississauga ON L5N 2K7

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					Rated Strength (lbs)	DC Resistance Ohms / 1000FT @ 20°C		
A0A1/019T-S	1/0	19	0.373	9.474	3221	0.1002	325.8	484.872
A0A2/007T-S	2/0	7	0.414	10.515	4062	0.1002	410.9	611.523
A0A2/019T-S	2/0	19	0.418	10.617	4024	0.07949	410.9	611.523
A0A3/007T-S	3/0	7	0.464	11.785	5118	0.7949	518.1	771.063
A0A3/019T-S	3/0	19	0.47	11.938	5074	0.06304	518.1	771.063
A0A4/007T-S	4/0	7	0.522	13.258	6459	0.06304	653.3	972.275
A0A4/019T-S	4/0	19	0.528	13.411	5453	0.04999	653.3	972.275
A0A25019T-S	250 MCM	19	0.574	14.579	7627	0.04999	771.9	1148.78
A0A25037T-S	250 MCM	37	0.575	14.605	7940	0.04231	771.9	1148.78
A0A30019T-S	300 MCM	19	0.628	15.951	9160	0.04321	926.3	1378.57
A0A30037T-S	300 MCM	37	0.63	16.002	-	0.3256	926.3	1378.57
A0A35019T-S	350 MCM	19	0.679	17.246	10680	-	1081	1608.8
A0A35037T-S	350 MCM	37	0.681	17.297	10580	0.03022	1081	1608.8
A0A40019T-S	400 MCM	19	0.725	18.415	-	0.03022	1235	1837.99
A0A40037T-S	400 MCM	37	0.728	18.491	-	-	1235	1837.99
A0A50037T-S	500 MCM	37	0.814	20.675	15240	-	1544	2297.86
A0A60037T-S	600 MCM	37	0.891	22.631	18300	0.02116	1853	2757.73
A0A75061T-S	750 MCM	61	0.998	25.349	22890	0.1763	2316	3446.79
A0A100061T-S	1000 MCM	61	1.152	29.26	30500	0.141	3088	4595.72
A0A125061T-S	1250 MCM	61	1.293	32.842	36320	0.01058	3859	5743.16
A0A125091T-S	1250 MCM	91	1.289	32.74	36320	0.008463	3859	5743.16
A0A150061T-S	1500 MCM	61	1.411	35.839	43590	0.008463	4631	6892.09

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