



SYCOR
TECHNOLOGY INC.

Bare Wire Data/ Annealed Copper

Sycor Part Number	Bare Wire Diameter				Nom Area Cir. Mil.	Resistance At 20°						Physical Data For Nominal Diameter			
	AW Size	Min. Inche	Nom. Inche	Max. Inche		Min. Dia. OHM 1000F	Nom. Dia. OHM KM	Max. Dia. OHM 1000F	OHM KM	OHM 1000F	OHM KM	LBS/ Mft.	KG/ KM	FT/LB	M/K
A0B2.5AC	2.5	.2406	.2431	.2455	59100	.1792	.5878	.1755	.5758	.1721	.5646	178.9	266.2	5.590	3.757
A0B3.5AC	3.5	.2144	.2165	.2176	46870	.2256	.7402	.2213	.7260	.2190	.7186	141.9	211.1	7.048	4.737
A0B4.5AC	4.5	.1908	.1928	.1938	37170	.2849	.9347	.2790	.9154	.2761	.9060	112.5	167.4	8.888	5.973
A0B5.5AC	5.5	.1700	.1717	.1726	29480	.3589	1.177	.3518	1.154	.3481	1.142	89.24	132.8	11.21	75.32
A0B6.5AC	6.5	.1514	.1529	.1537	23380	.4525	1.484	.4436	1.456	.4390	1.440	70.76	105.3	14.13	94.98
A0B7.5AC	7.5	.1348	.1362	.1368	18550	.5708	1.873	.5591	1.834	.5542	1.818	56.15	83.55	17.81	11.97
A0B8.5AC	8.5	.1200	.1212	.1218	14690	.7203	2.363	.7061	2.316	.6691	2.294	44.46	66.16	22.49	15.12
A0B9.5AC	9.5	.1069	.1080	.1085	11660	.9076	2.978	.8892	2.917	.8810	2.890	35.31	52.53	28.32	19.04
A0B1.50AC	10.5	.0952	.0962	.0966	9254	1.144	3.755	1.121	3.677	1.111	3.646	28.01	41.68	35.70	23.99
A0B11.5AC	11.5	.0848	.0856	.0860	7327	1.442	4.732	1.415	4.644	1.402	4.601	22.18	33.00	45.09	30.30
A0B12.5AC	12.5	.0755	.0763	.0767	5821	1.820	5.969	1.782	5.845	1.763	5.784	17.62	26.22	56.75	39.14
A0B13.5AC	13.5	.0673	.0679	.0682	4610	2.290	7.513	2.250	7.381	2.230	7.316	13.96	20.76	71.66	48.16
A0B14.5AC	14.5	.0599	.0605	.0608	3660	2.891	9.484	2.834	9.296	2.806	9.205	11.08	16.48	90.26	60.66
A0B15.5AC	15.5	.0533	.0539	.0542	2905	3.651	11.98	3.570	11.71	3.531	11.58	8.794	13.08	113.7	76.43
A0B16.5AC	16.5	.0475	.0480	.0482	2304	4.597	15.089	4.502	14.77	4.4644	14.65	6.974	10.38	143.4	96.37
A0B17.5AC	17.5	.0423	.0427	.0429	1823	5.797	19.02	5.688	18.66	5.636	18.49	5.519	8.212	181.23	121.8
A0B18.5AC	18.5	.0376	.0380	.0383	1444	7.336	24.07	7.183	23.56	7.070	23.20	4.371	6.503	228.8	153.8
A0B19.5AC	19.5	.0336	.0339	.0341	1149	9.187	30.14	9.025	29.61	8.919	29.26	3.479	5.176	287.5	193.2

Sycor Advance Wire and Cable