



SYCOR
TECHNOLOGY INC.

Bare Wire Data/ Annealed Aluminum

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
A0B16.5AA	16.5	.0475	.0480	.0482	2304	7.438	24.4	7.284	23.90	7.224	23.70	2.121	3.155	471.6	316.9
A0B17.5AA	17.5	.0423	.0427	.0429	1823	9.379	30.77	9.204	30.20	9.119	29.92	1.678	2.497	595.9	400.5
A0B18.5AA	18.5	.0376	.0380	.0383	1444	11.87	38.94	11.62	38.13	11.44	37.53	1.329	1.978	752.5	505.6
A0B19.5AA	19.5	.0336	.0339	.0341	1149	14.87	48.77	14.60	47.91	14.43	47.35	1.058	1.574	945.5	635.4
A0B20.5AA	20.5	.0299	.0302	.0303	912.0	18.77	61.59	18.4	60.37	18.28	59.97	.8395	1.249	1191	800.6
A0B21.5AA	21.5	.0266	.0268	.0270	718.2	23.72	77.82	23.37	76.66	23.02	75.53	.6611	.9837	1512	1016
A0B22.5AA	22.5	.0237	.0239	.0241	571.2	29.88	98.02	29.38	96.39	28.89	94.80	.5258	.7823	1902	1278
A0B23.5AA	23.5	.0211	.02123	.0214	453.7	37.69	123.7	36.99	121.4	36.65	120.2	.4176	.6214	2394	1609
A0B24.5AA	24.5	.0188	.0190	.0191	361.0	47.48	155.8	46.49	152.5	46.00	150.9	.3323	.4944	3009	2022
A0B25.5AA	25.5	.0167	.0169	.0170	285.6	60.17	197.4	58.76	192.8	58.07	190.5	.2629	.3912	3804	2556
A0B26.5AA	26.5	.0149	.0150	.0151	225.0	75.59	248.0	74.59	244.7	73.60	241.5	.2071	.3082	4829	3245
A0B27.5AA	27.5	.0133	.0134	.0135	179.6	94.87	311.3	93.46	306.6	92.08	302.1	.1653	.2459	6051	4066
A0B28.5AA	28.5	.0118	.0119	.0120	141.6	120.5	395.4	118.5	388.8	116.5	382.4	.1303	.1939	7672	5156
A0B29.5AA	29.5	.0105	.0106	.0107	112.4	152.2	499.4	149.4	490.0	146.6	480.9	.1034	.1539	9670	6498

Sycor Advance Wire and Cable