



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
AOB1/0.5AA	1/0.5	.3035	.3066	.30966	94000	.1822	.5977	.1785	.5857	.1751	.5744	86.53	128.7	11.56	7.767
AOB1.5AA	1.5	.2701	.2730	.2759	74530	.2300	.7547	.2252	.7388	.2205	.7233	68.60	102.1	14.58	9.797
AOB2.5AA	2.5	.2406	.2431	.2455	59100	.2899	.9511	.2840	.9317	.2784	.9135	54.40	80.94	18.39	12.36
AOB3.5AA	3.5	.2144	.2165	.2176	46870	.3651	1.198	.3580	1.1752	.3544	1.163	43.14	64.19	23.18	15.58
AOB4.5AA	4.5	.1908	.1928	.1938	37170	.4610	1.512	.4515	1.481	.4468	1.4666	34.22	50.91	29.23	19.64
AOB5.5AA	5.5	.1700	.1717	.1726	29480	.5807	1.905	.5693	1.868	.5633	1.848	27.14	40.38	36.86	24.77
AOB6.5AA	6.5	.1514	.1529	.1537	23380	.7321	2.402	.7178	2.355	.7104	2.331	21.52	32.02	46.48	31.23
AOB7.5AA	7.5	.1348	.1362	.1368	18550	.9236	3.030	.9047	2.968	.8968	2.942	17.08	25.41	58.57	39.36
AOB8.5AA	8.5	.1200	.1212	.1218	14690	1.165	3.824	1.142	3.748	1.131	3.711	13.52	20.12	73.97	49.71
AOB9.5AA	9.5	.1069	.1080	.1085	11660	1.469	4.818	1.439	4.720	1.426	4.677	10.74	15.97	93.15	62.60
AOB10.5AA	10.5	.0952	.0962	.0966	9254	1.852	6.075	1.813	5.949	1.798	5.900	8.519	12.67	117.4	78.90
AOB11.5AA	11.5	.0848	.0856	.0860	7327	2.334	7.657	2.290	7.514	2.269	7.444	6.745	10.04	148.3	99.65
AOB12.5AA	12.5	.0755	.0763	.0767	5821	2.944	6.659	2.883	9.458	2.853	9.359	5.359	7.973	186.6	125.4
AOB13.5AA	13.5	.0673	.0679	.0682	4610	3.705	12.16	3.640	11.94	3.608	11.84	4.244	6.314	235.7	158.4
AOB14.5AA	14.5	.0599	.0605	.0608	3660	4.677	15.35	4.585	15.04	4.540	14.89	3.369	5.013	296.8	199.5
AOB15.5AA	15.5	.0533	.0539	.0542	2905	5.907	19.38	5.777	18.95	5.713	18.74	2.674	3.979	374.0	251.3

Sycor Advance Wire and Cable