



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
AOB16AA	16	.0503	.0508	.0511	2580	6.633	21.76	6.503	21.34	6.427	21.09	2.375	3.534	421.0	282.9
AOB17AA	17	.0448	.0453	.0455	2052	8.362	27.43	8.178	26.83	8.106	26.60	1.889	2.810	529.5	355.8
AOB18AA	18	.0399	.0403	.0405	1624	10.546	34.58	10.33	33.90	10.23	33.57	1.495	2.224	669.0	449.6
AOB19AA	19	.0355	.0359	.0361	1288	13.32	43.69	13.02	42.72	12.88	42.25	1.186	1.765	843.1	566.5
AOB20AA	20	.0317	.0320	.0322	1024	16.70	54.79	16.39	53.77	16.19	53.10	.9426	1.402	1061	713.0
AOB21AA	21	.0282	.0285	.0286	812.3	21.10	69.24	20.66	67.79	20.52	67.31	.7477	1.1123	1337	898.9
AOB22AA	22	.0250	.0253	.0254	640.1	26.85	88.09	26.22	86.02	26.01	85.34	.5892	.8766	1697	1140
AOB23AA	23	.0224	.0226	.0227	510.8	33.45	109.7	32.86	107.8	32.57	106.9	.4701	.6695	2127	1429
AOB24AA	24	.0199	.0201	.0202	404.0	42.38	139.0	41.54	136.3	41.13	134.9	.3719	.5533	2689	1807
AOB25AA	25	.0177	.0179	.0180	320.4	53.57	175.7	52.38	171.8	51.80	169.9	.2949	.4388	3391	2278
AOB26AA	26	.0157	.0159	.0160	252.8	68.08	223.4	66.38	217.8	65.56	215.1	.2327	.3462	4297	2888
AOB27AA	27	.0141	.0142	.0143	201.6	84.41	276.9	83.23	273.1	82.07	269.2	.1856	.2762	5388	3621
AOB28AA	28	.0125	.0126	.0127	158.8	107.4	352.4	105.7	346.8	104.0	341.4	.1461	.2174	6843	4599
AOB29AA	29	.0112	.0113	.0114	127.7	133.8	428.9	131.4	431.2	129.1	423.7	.1175	.1749	8509	5718
AOB30AA	30	.0099	.0100	.0101	100.0	171.2	561.8	167.8	550.6	164.5	539.7	.0920	.1370	10870	7301

Sycor Advance Wire and Cable