



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
AOB20.5AC	20.5	.0299	.0302	.0303	912.0	11.60	38.06	11.37	37.31	11.30	37.06	2.761	4.108	362.2	243.5
AOB21.5AC	21.5	.0266	.0268	.0270	718.2	14.66	48.09	14.44	47.38	14.23	46.68	2.174	3.235	460.0	309.1
AOB22.5AC	22.5	.0237	.0239	.0241	571.2	18.47	60.58	18.16	59.57	17.86	58.59	1.729	2.573	578.4	388.7
AOB23.5AC	23.5	.0211	.0213	.0214	453.7	23.30	76.43	22.86	75.00	22.65	74.30	1.373	2.043	728.2	489.4
AOB24.5AC	24.5	.0188	.0190	.0191	361.0	29.34	96.27	28.73	94.26	28.43	93.27	1.093	1.626	915.2	615.1
AOB25.5AC	25.5	.0167	.0169	.0170	285.6	37.198	122.0	36.31	119.1	35.89	117.7	.8645	1.286	1156	777.4
AOB26.5AC	26.5	.0149	.0150	.0151	225.0	46.72	153.3	46.10	151.2	45.49	149.2	.6811	1.013	1468	986.8
AOB27.5AC	27.5	.0133	.0134	.0135	179.6	58.63	192.4	57.76	189.5	56.91	186.7	.5435	.8087	1839	1236
AOB28.5AC	28.5	.0118	.0119	.0120	141.6	74.49	244.4	73.24	240.3	72.03	236.3	.4286	.6378	2332	1567
AOB29.5AC	29.5	.0105	.0106	.0107	112.4	94.07	308.6	92.31	302.8	90.59	297.2	.3401	.5060	2940	1976
AOB30.5AC	30.5	.0093	.00994	.0095	88.36	119.9	393.4	117.4	385.1	114.9	377.0	.2675	.3980	3738	2512
AOB31.5AC	31.5	.0083	.0084	.0085	70.56	150.6	493.9	147.0	482.2	143.6	471.0	.2136	.3178	4682	3146
AOB32.5AC	32.5	.0074	.0075	.0076	56.25	189.4	621.4	184.4	604.9	179.6	589.1	.1703	.2533	5873	3947
AOB33.5AC	33.5	.0066	.0067	.0068	44.89	238.1	781.2	231.0	758.0	224.3	735.9	.1359	.2022	7359	4946
AOB34.5AC	34.5	.0058	.0059	.0060	34.81	308.3	1011	298.0	977.5	288.1	945.2	.1054	.1568	9490	6378
AOB35.5AC	35.5	.0052	.0053	.0054	28.09	383.6	1258	369.2	1211	355.7	1166	.0850	.1265	11760	7904
AOB36.5AC	36.5	.0047	.0048	.0049	23.04	469.5	1540	450.2	1476	432.0	1417	.0697	.1038	14340	9637
AOB37.5AC	37.5	.0041	.0042	.0043	17.64	617.0	2024	588.0	1928	560.9	1840	.0534	.0794	18730	12590
AOB38.5AC	38.5	.0036	.0037	.0038	13.69	800.3	2625	757.6	2485	718.3	2356	.0414	.0617	24130	16220
AOB39.5AC	39.5	.0032	.0033	.0034	10.89	1012	3322	952.4	3124	897.2	2943	.0330	.0490	30340	20390

Sycor Advance Wire and Cable