

ALUMINUM CONDUCTOR STEEL REINFORCED (ACSR) PHYSICAL DATA

Codeword	Size (AWG or kcmil)	No. of Wires	Diameter (inch)				Weight (lb/kft)			Rated Strength (lbf)
			Steel Wire	Al Wire	Steel Core	Complete Conductor	Al	Steel	Total	
Turkey	6	6/1	0.0661	0.0661	0.066	0.198	24.4	11.6	36.0	1190
Swan	4	6/1	0.0834	0.0834	0.083	0.250	39.0	18.4	57.4	1860
*Swanate	4	7/1	0.1029	0.0772	0.103	0.257	39.0	28.0	67.0	2360
*Sparrow	2	6/1	0.1052	0.1052	0.105	0.316	61.9	29.3	91.2	2850
*Sparate	2	7/1	0.1299	0.0974	0.130	0.325	62.3	44.7	107.0	3640
Robin	1	6/1	0.1181	0.1181	0.118	0.355	78.1	36.9	115.0	3550
*Raven	1/0	6/1	0.1327	0.1327	0.133	0.398	98.4	46.6	145.0	4380
Quail	2/0	6/1	0.1489	0.1489	0.149	0.447	124.2	58.8	183.0	5310
*Pigeon	3/0	6/1	0.1672	0.1672	0.167	0.502	155.9	74.1	230.0	6620
*Penguin	4/0	6/1	0.1878	0.1878	0.188	0.563	197.6	93.4	291.0	8350
Waxwing	266.8	18/1	0.1217	0.1217	0.122	0.609	249.8	39.2	289.0	6880
Partridge	266.8	26/7	0.0788	0.1013	0.236	0.642	250.4	115.6	366.0	11300
*Merlin	336.4	18/1	0.1367	0.1367	0.137	0.684	315.5	49.5	365.0	8680
*Linnet	336.4	26/7	0.0884	0.1137	0.265	0.720	316.5	145.5	462.0	14100
Oriole	336.4	30/7	0.1059	0.1059	0.318	0.741	317.0	209.0	526.0	17300
Chickadee	397.5	18/1	0.1486	0.1486	0.149	0.743	372.5	58.5	431.0	9940
Ibis	397.5	26/7	0.0961	0.1236	0.288	0.783	374.1	171.9	546.0	16300
*Pelican	477	18/1	0.1628	0.1628	0.163	0.814	446.8	70.2	517.0	11800
Flicker	477	24/7	0.0940	0.1410	0.282	0.846	449.5	164.5	614.0	17200
*Hawk	477	26/7	0.1053	0.1354	0.316	0.858	448.6	206.4	655.0	19500
Hen	477	30/7	0.1261	0.1261	0.378	0.883	449.7	296.3	746.0	23800
Osprey	556.5	18/1	0.1758	0.1758	0.176	0.879	521.1	81.9	603.0	13700
Parakeet	556.5	24/7	0.1015	0.1523	0.305	0.914	524.2	191.8	716.0	19800
Dove	556.5	26/7	0.1138	0.1463	0.341	0.927	523.9	241.1	765.0	22600
Rook	636	24/7	0.1085	0.1628	0.326	0.977	598.8	219.2	818.0	22000
Grosbeak	636	26/7	0.1216	0.1564	0.365	0.990	598.7	275.3	873.0	25200
Drake	795	26/7	0.1360	0.1749	0.408	1.108	749.0	344.0	1093	31500
Tern	795	45/7	0.0886	0.1329	0.266	1.063	748.9	146.1	895	22100
Rail	954	45/7	0.0971	0.1456	0.291	1.165	899	176	1075	25900
Cardinal	954	54/7	0.1329	0.1329	0.399	1.960	899	329	1228	33800
Curlew	1033.5	54/7	0.1383	0.1383	0.415	1.245	973	356	1329	36600
Bluejay	1113	45/7	0.1049	0.1573	0.315	1.259	1049	205	1254	29800
Bittern	1272	45/7	0.1121	0.1680	0.336	1.345	1198	234	1432	34100
Lapwing	1590	45/7	0.1253	0.1880	0.376	1.504	1498	292	1790	42200
Falcon	1590	54/19	0.1030	0.1716	0.515	1.545	1505	537	2042	54500
Bluebird	2156	84/19	0.0961	0.1602	0.481	1.762	2040	468	2508	60300

*STOCKED ITEM

All other products require approval. Speak to your Inside Sales Rep.