



ACSR - ALUMINUM CONDUCTOR, STEEL REINFORCED 666.6MCM - 2167MCM

CONSTRUCTION:

STEEL CORE SINGLE OR MULTI-STRANDED CLASS A GALVANIZED STEEL.

OUTER ALUMINUM LAYER ALUMINUM 1350-19 WIRES, CONCENTRICALLY STRANDED AROUND THE STEEL CORE.

Code Word	Size In MCM	Strand-Ing (Al/Stl)	Diameter in inches				Weight (lbs/1000ft)			Break-Ing Strength (lbs)	Resistance Ohms/1000ft		Rating (amps)*
			Individual Wires		Steel Core	TOTAL CABLE	Alum	Steel	TOTAL		DC @ 20C	AC @ 20C	
			Alum	Steel									
Flamingo	666.6	24/7	.1667"	.1111"	.3333"	1.000"	628	230	858	23700	.0256	.0315	807
Gannet	666.6	26/7	.1601"	.1245"	.3736"	1.014"	628	289	916	26400	.0255	.0313	812
Stilt	715.5	24/7	.1727"	.1151"	.3453"	1.036"	674	247	920	25500	.0239	.0294	844
Starling	715.5	26/7	.1659"	.1290"	.3871"	1.051"	674	310	984	28400	.0238	.0292	849
Redwing	715.5	30/19	.1544"	.0927"	.4633"	1.081"	676	435	1110	34600	.0236	.0290	859
Coot	795	36/1	.1486"	.1486"	.1486"	1.040"	745	58	804	16710	.0217	.0268	884
Drake	795	26/7	.1749"	.1360"	.4080"	1.107"	749	344	1093	31500	.0214	.0263	907
Tern	795	45/7	.1329"	.0886"	.2658"	1.063"	749	146	895	22100	.0216	.0269	887
Condor	795	54/7	.1213"	.1213"	.3640"	1.092"	749	274	1023	28200	.0215	.0272	889
Mallard	795	30/19	.1628"	.0977"	.4884"	1.140"	751	483	1234	38400	.0213	.0261	918
Ruddy	900	45/7	.1414"	.0943"	.2828"	1.131"	848	165	1013	24400	.0191	.0239	958
Canary	900	54/7	.1291"	.1291"	.3873"	1.162"	848	310	1158	31900	.0190	.0241	961
Rail	954	45/7	.1456"	.0971"	.2912"	1.165	899	175	1074	25900	.0180	.0225	993
Cardinal	954	54/7	.1329"	.1329"	.3987"	1.196"	899	329	1227	33800	.0179	.0228	996
Ortolan	1033.5	45/7	.1515"	.1010"	.3031"	1.212"	973	190	1163	27700	.0167	.0209	1043
Curlew	1033.5	54/7	.1383"	.1383"	.4150"	1.245"	973	356	1330	36600	.0165	.0211	1047
Bluejay	1113	45/7	.1573"	.1048"	.3145"	1.258"	1048	205	1253	29800	.0155	.0194	1092
Finch	1113	54/19	.1436"	.0861"	.4307"	1.292"	1053	375	1429	39100	.0154	.0197	1093
Bunting	1192.5	45/7	.1628"	.1085"	.3256"	1.302"	1123	219	1343	32000	.0144	.0182	1139
Grackle	1192.5	54/19	.1486"	.0892"	.4458"	1.337"	1129	402	1531	41900	.0144	.0184	1140
Bittern	1272	45/7	.1681"	.1121"	.3362"	1.345"	1198	234	1432	34100	.0135	.0171	1184
Pheasant	1272	54/19	.1535"	.0921"	.4605"	1.381"	1204	429	1633	43600	.0135	.0173	1187
Dipper	1351.5	45/7	.1733"	.1155"	.3466"	1.386"	1273	248	1521	36200	.0127	.0162	1229
Martin	1351.5	54/19	.1582"	.0949"	.4746"	1.424"	1279	456	1735	46300	.0127	.0163	1232
Bobolink	1431	45/7	.1783"	.1189"	.3566"	1.427"	1348	263	1611	38300	.0120	.0153	1272
Lapwing	1590	45/7	.1880"	.1253"	.3759"	1.504"	1498	292	1790	42200	.0108	.0139	1354
Falcon	1590	54/19	.1716"	.1030"	.5148"	1.544"	1505	536	2041	54500	.0108	.0140	1359
Chukar	1780	84/19	.1456"	.0874"	.4368"	1.602"	1685	386	2072	51000	.0097	.0125	1453
Bluebird	2156	84/19	.1602"	.0962"	.4808"	1.762"	2040	468	2508	60300	.00801	.0105	1623
Kiwi	2167	72/7	.1735"	.1157"	.347"	1.735"	2051	249	2300	49800	.00801	.0106	1607

*Amps based on Conductor temperature of 75Deg C, ambient temperature of 25Deg C, emissivity 0.5, wind 2ft./sec, in sun

APPLICATION: For use as bare overhead transmission cable and also primary and secondary distribution cable with messenger support.

STANDARDS:

ASTM B230: Aluminum Wire, 1350-19 for Electrical Purposes.
 ASTM B232: Aluminum Conductors, Concentric Lay Stranded, Coated Steel Reinforced (ACSR).
 ASTM B498: Zinc Coated (Galvanized) Steel Core for Use in Overhead Electrical Conductors.
 ASTM B500: Metallic Coated Stranded Steel Core for Use in Overhead Electrical Conductors.