



ACSR-Aluminum Conductor Steel Reinforced(ASTM B232)



APPLICATION

Class AA Stranded Aluminum Conductor Steel Reinforced(ACSR) is suitable for electric transmission overhead line and Power distribution.

CABLE STANDARDS

Enterprise Standards, SANS 182-3, IEC, BS, ASTM B232 and etc. upon request.



The electrical and dimensional properties of this product are measured by the Technical and Quality Assurance department at the JiangNan Cables laboratory. Cable performance in respect of conductor resistance, construction quality (workmanship), dimensional consistency, and other parameters are verified to published standards and approved.

Aluminium Conductor Steel Reinforced-ACSR CLASS AA (ASTM B232)

Class of Stranded Steel Wire: **CLASS AA**

Code Name	Size AWG-MCM	Stranding Design Aluminium/Steel	Aluminum Wires	Steel Wires	Overall Diameter (in.)	Appro.Weight (lb/1000ft)
			Number of Wire/Diameter (No./inch)			
TUEKEY	6	6/1	6/0.0661	1/0.0661	0.198	36.02
SWAN	4	6/1	6/0.0834	1/0.0834	0.250	57.35
SWANATE	4	7/1	7/0.0772	1/0.1029	0.257	66.95
SPARROW	2	6/1	6/0.1052	1/0.1052	0.316	91.2
SPARATE	2	7/1	7/0.0974	1/0.1299	0.325	106.63
ROBIN	1	6/1	6/0.1181	1/0.1181	0.354	115.0
RAVEN	0	6/1	6/0.1327	1/0.1327	0.398	145.2
QUAIL	00	6/1	6/0.1489	1/0.1489	0.447	182.8
PIGEON	000	6/1	6/0.1672	1/0.1672	0.502	230.5
PENGUIN	0000	6/1	6/0.1878	1/0.1878	0.563	290.8
WAXWING	266.8	18/1	18/0.1217	1/0.1217	0.609	289.1



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PARTRIDGE	266.8	26/7	26/0.1013	7/0.0788	0.642	366.9
OSTRICH	300	26/7	26/0.1074	7/0.0835	0.680	412.2
MERLIN	336.4	18/1	18/0.1367	1/0.1367	0.684	364.8
LINNET	336.4	26/7	26/0.1137	7/0.0884	0.720	462.0
ORIOLE	336.4	30/7	30/0.1059	7/1.059	0.741	526.4
CHICKADEE	397.5	18/1	18/0.1486	1/0.1486	0.743	431.0
BRANT	397.5	24/7	24/0.1287	7/0.0858	0.772	511.4
IBIS	397.5	26/7	26/0.1236	7/0.0961	0.783	546.0
LARK	397.5	30/7	30/0.1151	7/0.1151	0.806	621.8
PELICAN	477	18/1	18/0.1628	1/0.1628	0.814	517.3
FLICKER	477	24/7	24/0.1410	7/0.0940	0.846	613.9
HAWK	477	26/7	26/0.1354	7/0.1053	0.858	655.3
HEN	477	30/7	30/0.1261	7/0.1261	0.883	746.4
OSPREY	556.5	18/1	18/0.1758	1/0.1758	0.879	603.3
PARAKEET	556.5	24/7	24/0.1523	7/0.1015	0.914	716.1
DOVE	556.5	26/7	26/0.1463	7/0.1138	0.927	765.2
EAGLE	556.5	30/7	30/0.1362	7/0.1362	0.953	870.7
PEACOCK	605	24/7	24/0.1588	7/0.1059	0.953	778.8
SQUAB	605	26/7	26/0.1525	7/0.1186	0.966	831.3
WOODDUCK	605	30/7	30/0.1420	7/0.1420	0.994	946.5
TEAL	605	30/19	30/0.1420	19/0.0852	0.994	938.6
KINGBIRD	636	18/1	18/0.1880	1/0.1880	0.940	689.9
SWITF	636	36/1	36/0.1329	1/0.1329	0.930	642.8
ROOK	636	24/7	24/0.1628	7/0.1085	0.977	818.2

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GROSBEAK	605.5	26/7	26/0.1564	7/0.1216	0.990	874.2
SCOTER	605.5	30/7	30/0.1456	7/0.1456	1.019	995.1
EGRET	605.5	30/19	30/0.1456	19/0.0874	1.019	987.2
FLAMINGO	666.6	24/7	24/0.1667	7/0.111	1.000	857.9
GANNET	666.6	26/7	26/0.1610	7/0.1245	1.014	916.2
STILT	715.5	24/7	24/0.1727	7/0.1151	1.036	921
STARLING	715.5	26/7	26/0.1659	7/0.1290	1.051	983.7
REDWING	715.5	30/19	30/0.1544	19/0.0926	1.081	1109.3
COOT	795	36/1	36/0.1486	1/0.1486	1.040	803.6
CUCKOO	795	24/7	24/0.1820	7/0.1213	1.092	1023
DRAKE	795	26/7	26/0.1749	7/0.1360	1.108	1093
TERN	795	45/7	45/0.1329	7/0.0886	1.063	895
CONDOR	795	54/7	54/0.1213	7/0.1213	1.092	1022
MALLARD	795	30/19	30/0.1628	19/0.0977	1.140	1233.9
RUDDY	900	45/7	45/0.1414	7/0.0943	1.131	1013
CANARY	900	54/7	54/0.1291	7/0.1291	1.162	1158
CATBIRD	954	36/1	36/0.1628	1/0.1628	1.140	964
RAIL	954	45/7	45/0.1456	7/0.0971	1.165	1074
CARDINAL	954	54/7	54/0.1329	7/0.1329	1.196	1227.1
TANAGER	1033.5	36/1	36/0.1694	1/0.1694	1.186	1044
ORTOLAN	1033.5	45/7	45/0.1515	7/0.1010	1.212	1163
CURLEVV	1033.5	54/7	54/0.1383	7/0.1383	1.245	1329
BLUEJAY	1113	45/7	45/0.1573	7/0.1049	1.259	1254
FINCH	1113	54/19	54/0.1436	19/0.0862	1.293	1430

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			Number of Wire/Diameter (No./inch)			
BUNTING	1192.5	45/7	45/0.1628	7/0.1085	1.302	1342
GRACKLE	1192.5	54/19	54/0.1486	19/0.0892	1.338	1531
SKYLARK	1272	36/1	36/0.1880	1/0.1880	1.316	1286
BITTERN	1272	45/7	45/0.1681	7/0.1121	1.345	1432
PHEASANT	1272	54/19	54/0.1535	19/0.0921	1.382	1634
DIPPER	1351.5	45/7	45/0.1733	7/0.1155	1.386	1521
MARTIN	1351.5	54/19	54/0.1582	19/0.0949	1.424	1735
BOBOLINK	1431	45/7	45/0.1783	7/0.1189	1.427	1611
PLOVER	1431	54/19	54/0.1628	19/0.0977	1.465	1838
NUTHATCH	1510.5	45/7	45/0.1832	7/0.1221	1.466	1700
PARROT	1510.5	54/19	54/0.1672	19/0.1003	1.505	1938
LAPWING	1590	45/7	45/0.1880	7/0.1253	1.504	1790
FALCON	1590	54/19	54/0.1716	19/0.1030	1.545	2042
CHUKAR	1780	84/19	84/0.1456	19/0.0874	1.602	2072
BLUEBIRD	2156	84/19	84/0.1602	19/0.0961	1.762	2508
KIWI	2167	72/7	72/0.1735	7/0.1157	1.735	2301
THRASHER	2312	76/19	76/0.1744	19/0.0814	1.802	2523

Aluminium Conductor Steel Reinforced-ACSR CLASS AA High Strength (ASTM B232)

Class of Stranded Steel Wire: **CLASS AA High Strength**

Code Name	Size AWG-MCM	Stranding Design Aluminium/Steel	Aluminum Wires	Steel Wires	Overall Diameter (in.)	Appro.Weight (lb/1000ft)
			Number of Wire/Diameter (No./inch)			
GROUSE	80	8/1	8/0.1000	1/0.1670	0.367	148.8
PETREL	101.8	12/7	12/0.0921	7/0.0921	0.461	253.8
MINORCA	110.8	12/7	12/0.0961	7/0.0961	0.481	276.3
LEGHORN	134.6	12/7	12/0.1059	7/0.1059	0.530	335.5
GUINEA	159	12/7	12/0.1151	7/0.1151	0.576	396.3
DOTTEREL	176.9	12/7	12/0.1214	7/0.1214	0.607	440.9
DORKING	190.8	12/7	12/0.1261	7/0.1261	0.631	475.7
BRAHMA	203.2	16/19	16/0.1127	19/0.0977	0.714	674.6
COCHIN	211.3	12/7	12/0.1327	7/0.1327	0.664	526.8

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Wuxi Jiangnan Cable Co.,Ltd. | Wire & Cable Manufacturer

Address: No.53, Xinguan East Road, Guanlin Town, Yixing City, Jiangsu Province, China **Post Code:** 214200

Mobile: (0086) 13771376830 **Tel:** (0086) 510 81779188/9088 **Fax:** (0086) 510 81779066 **Email:** jn@wxjncable.com