

# Guangdong win-wn cables Co.,Ltd

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ACSR ASTM-B232

code name	area			stranding and wire dia		approximate overall diameter	linear mass			rated tensile strength	20°Cmax. resistance
	al	st	total	al	st		al	st	total		
	mm <sup>2</sup>	mm <sup>2</sup>	mm <sup>2</sup>	mm	mm		mm	kg/km	kg/km		
turkey	13.29	2.19	15.48	6/1.68	1/1.68	5.04	37	17	54	524	2.1586
swan	21.16	3.55	24.71	6/2.12	1/2.12	6.36	58	27	85	832	1.3357
swanate	21.16	5.35	26.51	7/1.96	1/2.61	6.53	58	42	100	1053	1.3557
sparrow	33.61	5.61	39.22	6/2.67	1/2.67	8.01	92	44	136	1270	0.8535
sparate	33.61	8.52	42.13	7/2.47	1/3.3	8.24	92	67	159	1611	0.8535
robin	42.39	7.1	49.49	6/3.0	1/3.0	9	116	55	171	1585	0.6767
raven	53.48	8.9	62.38	6/3.37	1/3.37	10.11	147	69	216	1932	0.5364
quail	67.42	11.23	78.65	6/3.378	1/3.78	11.34	185	88	273	2362	0.4255
pigeon	85.03	14.19	99.22	6/4.25	1/4.25	12.75	233	110	343	2941	0.3373
penguin	107.23	17.87	125.1	6/4.77	1/4.77	14.31	294	139	433	3706	0.2675
waxwing	135.16	7.48	142.64	18/3.09	1/3.09	15.45	373	58	431	3027	0.2133
partridge	135.16	22	157.16	26/2.57	7/2.0	16.28	374	172	546	5029	0.2143
ostrich	152	24.71	176.71	26/2.73	7/2.12	17.28	421	193	614	5652	0.1906
merlin	170.45	9.48	179.93	18/3.47	1/3.47	17.35	470	74	544	3823	0.1691
linnet	170.45	27.81	198.26	26/2.89	7/2.25	18.31	472	217	689	6271	0.1699
oriole	170.45	39.81	210.26	30/2.69	7/2.69	18.83	473	311	784	7745	0.1704
chickadee	201.42	11.16	212.58	18/3.77	1/3.77	18.85	555	87	642	4399	0.1431
brant	201.42	26.13	227.55	24/3.27	7/2.18	19.61	558	204	762	6469	0.1438

ibis	201.42	32.77	234.19	26/3.14	7/2.44	19.88	558	256	814	7211	0.1438
lark	201.42	46.97	248.39	30/2.92	7/2.92	20.44	560	367	927	8869	0.1438
pelican	241.68	13.42	255.1	18/4.14	1/4.14	20.7	666	105	771	5216	0.1442
flicker	241.68	31.29	272.97	24/3.58	7/2.39	21.49	670	245	915	7666	0.1193
hawk	241.68	39.42	281.1	26/3.44	7/2.67	21.79	670	308	978	8665	0.1199
hen	241.68	56.39	298.07	30/3.20	7/3.20	22.4	671	441	1112	10534	0.1199
osprey	282	15.68	297.68	18/4.47	1/4.47	22.35	777	122	899	6088	0.1201
parakeet	282	36.58	318.58	24/3.87	7/2.58	23.22	781	286	1067	8820	0.0122
dove	282	45.94	327.94	26/3.72	7/2.89	23.55	781	359	1140	10103	0.1027
eagle	282	65.81	347.81	30/3.46	7/3.46	24.21	783	515	1298	12292	0.1027
peacock	306.58	39.74	346.32	24/4.03	7/2.69	24.2	849	311	1160	9588	0.1033
squab	306.58	49.94	356.52	26/3.87	7/3.01	24.51	850	390	1240	10841	0.0945
wood duck	306.58	71.55	378.13	30/3.16	7/3.61	25.25	851	560	1411	12884	0.0947
teal	306.58	69.87	376.45	30/3.61	9/2.16	25.24	851	548	1399	13359	0.0947
kingbird	322.26	17.9	340.16	18/4.78	1/4.78	23.88	889	139	1028	6956	0.08945
rook	322.26	41.81	364.07	24/4.14	7/2.76	24.84	893	326	1219	10083	0.08989
grosbeak	322.26	52.45	374.71	26/3.97	7/3.09	25.15	893	409	1302	11180	0.08989
scoter	322.26	75.22	397.48	30/3.70	7/3.70	25.88	895	589	1484	13544	0.09011
egret	322.26	73.55	395.81	30/3.70	19/2.22	25.9	894	576	1470	14055	0.09011
swift	322.26	8.96	331.22	36/3.38	1/3.38	23.62	888	70	958	6052	0.08945
flamingo	337.74	43.81	381.55	24/4.23	7/2.82	25.4	936	342	1278	10566	0.08577
gannet	377.74	55.03	392.77	26/4.07	7/3.16	25.76	936	429	1365	11733	0.08577
stilt	362.58	46.97	409.55	24/4.39	7/2.92	26.31	1005	367	1372	11335	0.07989
stovling	362.58	59.03	421.61	26/4.21	7/3.28	26.68	1005	461	1466	12591	0.07989
redwing	362.58	82.58	445.16	30/3.92	19/2.35	27.43	1006	647	1653	15394	0.08009
the	402.84	27.87	430.71	45/3.38	7/2.25	27.03	1116	217	1333	9737	0.07191
condor	402.84	52.19	455.03	54/3.08	7/3.08	27.72	1116	408	1524	12445	0.07911
cuckoo	402.84	52.19	455.03	24/4.62	7/3.08	27.74	1116	408	1522	12394	0.07197

drake	402.84	65.51	468.45	26/4.44	7/3.45	28.11	1116	512	1628	13992	0.07191
coot	402.84	11.16	414	36/3.77	1/3.77	26.41	1110	88	1198	7485	0.07156
mallard	402.84	91.87	484.71	30/4.14	19/2.48	28.96	1119	719	1838	17118	0.07208
ruddy	456.06	31.54	487.6	45/3.59	7/2.40	28.73	1263	247	1510	10931	0.06351
canary	456.06	59.1	515.16	54/3.28	7/3.28	29.52	1263	461	1724	14095	0.06351
rail	483.42	33.42	516.84	45/3.7	7/2.47	29.61	1339	262	1601	11585	0.05992
catbrid	483.42	13.42	496.84	36/4.14	1/4.14	28.95	1333	105	1438	8766	0.05962
cardinal	483.42	62.65	546.07	54/3.38	7/3.38	30.42	1339	490	1829	14936	0.05962
ortlan	523.86	36.19	559.87	45/3.85	7/2.57	30.81	1451	283	1734	12310	0.05331
tanger	523.86	14.51	538.19	36/4.3	1/4.30	30.12	1443	113	1556	9493	0.05504
curlew	523.96	67.87	591.55	54/3.52	7/3.52	31.68	1451	530	1981	16180	0.05531
bluejay	563.93	39.03	602.96	48/4.0	7/2.66	31.98	1563	385	1868	13263	0.05136
finch	563.93	71.55	635.48	54/3.65	19/2.19	32.85	1570	580	2130	17441	0.05161
bunting	604.26	41.55	645.81	48/4.14	7/2.76	33.12	1674	327	2001	14179	0.04793
grackle	604.26	76.58	680.84	54/3.77	19/2.27	33.97	1682	600	2282	18678	0.04817
bittern	644.51	44.52	689.03	45/4.27	7/2.85	34.17	1785	349	2134	15148	0.04494
pheasant	644.51	81.63	726.19	54/3.90	19/2.34	35.1	1795	638	2433	19400	0.04916
pheasant	644.51	17.87	662.38	36/4.78	1/4.78	33.42	1777	140	1917	11585	0.04472
dipper	684.84	47.1	731.94	45/4.40	7/2.92	35.16	1898	368	2266	16070	0.0423
martin	725.1	88.71	771.55	54/4.02	19/2.41	36.17	1906	679	2585	20605	0.0425
bobolink	725.1	50.32	775.42	45/4.53	7/3.02	36.24	2009	393	2402	17071	0.03994
plover	725.1	91.87	816.97	54/4.14	19/2.48	37.24	2019	719	2738	21824	0.04013
nuthatch	765.35	52.9	818.25	45/4.65	7/3.10	37.2	2120	414	2534	17789	0.03784
parrot	765.35	96.84	862.19	54/4.25	19/2.55	38.25	2131	759	2890	23020	0.03802
lapwing	805.68	55.48	861.16	45/4.77	7/3.18	38.16	2232	435	2667	18702	0.03595
falcon	805.68	102.13	907.81	54/4.36	19/2.62	39.26	2243	799	3042	24255	0.03613
chukar	902.7	73.51	902.72	84/3.70	19/2.22	40.7	2511	575	3086	22685	0.03245
bluebird	1092	88.8	1092.28	84/4.07	19/2.44	44.76	3036	697	3733	26830	0.02681
kiwi	1100	47.5	1099.2	72/4.41	7/2.94	44.07	3057	370	3427	22160	0.02684
kiwi	1170.8	65.15	1170.8	76/4.43	19/2.09	45.9	3256	3767	3767	25300	0.02478
grouse	40.52	14.13	54.65	8/2.54	1/4.24	9.32	112	110	222	2360	0.7115

petrel	51.61	30.06	81.67	12/2.34	7/2.43	11.71	143	235	378	4715	0.5613
minorca	56.13	32.77	88.9	12/2.44	7/2.44	12.22	156	256	412	5125	0.5161
leghorn	68.19	39.81	108	12/2.69	7/2.69	13.46	189	311	500	6170	0.4248
guinea	80.58	46.97	127.55	12/2.92	7/2.92	14.63	223	367	590	7255	0.3595
dotterel	89.48	52.19	141.67	12/3.08	7/3.08	15.42	248	409	657	7850	0.3237
oorking	96.71	56.39	153.1	12/3.20	7/3.20	16.03	268	441	709	8480	0.2995
brahma	102.97	91.87	194.84	16/2.86	19/2.48	18.14	285	722	1007	12880	0.2813
cochin	107.1	62.45	169.55	12/3.37	7/3.37	16.84	297	488	765	9390	0.2705