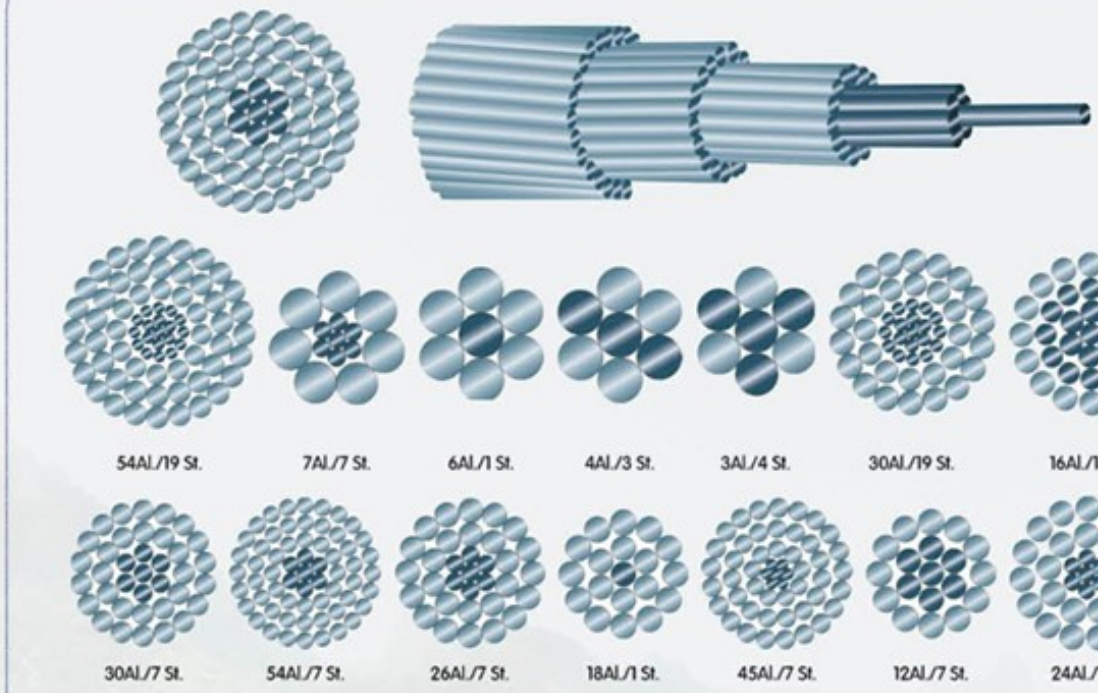
NewTrend

钢芯铝绞线

ALUMINIUM CONDUCTOR STEEL REINFORCED–ACSR



应用 APPLICATION S

钢芯铝绞线 (ACSR) 因其经济性、可靠性和强度与重量的比值，具有长期的服务记录。与钢芯的强度相结合的轻重量和高导电性的铝能够比任何替代方案具有更高的张力、更少的凹陷和更长的跨度。

ACSR (aluminum conductor steel–reinforced) has a long service r ecord because of its economy, dependability, and strength to we ight ratio.The combined light weight and high conductivity of al uminum with strength of the steel core enables higher tensions, less sag, and longer spans than any alternative.

NewTrend

美国标准尺寸 /American Standard Sizes

ASTM B232

代码名称 Code Name	导体结构 No. and diameter of wires				类型 Class	导体结构 No. and diameter of wires		导体外径 Overaldia meterl	每千米质量 Mass per km	拉断力 Rated Strength	直流电阻 Calculated d.c resistance at 20℃
	cmil	AWG	铝 Aluminum	钢 Steel		铝 Aluminum	钢 Steel				
			mm^2	mm^2		mm	mm	mm	kg/km	kN	Ω/km
Turkey	26 240	6	13.30	2.19	AA A	6/1.68	1/1.68	5.04	53.59	5.24	2.1586
Swan	41 740	4	21.16	3.55	AA A	6/2.12	1/2.12	6.36	85.32	8.32	1.3357
Swanate	41 740	4	21.16	5.35	AA A	7/1.96	1/2.61	6.53	99.61	10.53	1.3357
Sparrow	66 360	2	33.61	5.61	AA A	6/2.67	1/2.67	8.01	135.69	12.70	0.8535
Sparate	66 360	2	33.61	8.52	AA A	7/2.47	1/3.30	8.24	158.64	16.11	0.8535
Grouse	80 000	· · ·	40.52	14.13	AA(HS)	8/2.54	1/4.24	9.32	221.38	23.60	0.7115
Robin	83 690	1	42.39	7.10	AA A	6/3.00	1/3.00	9.00	171.10	15.85	0.6767
Petrel	101 800	· · ·	51.61	30.06	AA(HS)	12/2.34	7/2.34	11.70	377.60	47.15	0.5613
Raven	105 600	0	53.48	8.90	AA A	6/3.37	1/3.37	10.11	216.03	19.32	0.5364
Minorca	110 800	· · ·	56.13	32.77	AA(HS)	12/2.44	7/2.44	12.20	411.07	51.25	0.5161
Quail	133 100	00	67.42	11.23	AA A	6/3.78	1/3.78	11.34	271.97	23.62	0.4255
Leghorn	134 600	· · ·	68.19	39.81	AA(HS)	12/2.69	7/2.69	13.45	499.15	61.70	0.4248
Guinea	159 000	· · ·	80.58	46.97	AA(HS)	12/2.92	7/2.92	14.60	589.61	72.55	0.3595
Pigeon	167 800	000	85.03	14.19	AA A	6/4.25	1/4.25	12.75	342.93	29.41	0.3373
Dotterel	176 900	· · ·	89.48	52.19	AA(HS)	12/3.08	7/3.08	15.40	655.96	78.50	0.3237
Dorking	190 800	· · ·	96.71	56.39	AA(HS)	12/3.20	7/3.20	16.00	707.74	84.80	0.2995
Brahma	203 200	· · ·	102.97	91.87	AA(HS)	16/2.86	19/2.48	18.12	1003.66	128.80	0.2813
Cochin	211 300	· · ·	107.10	62.45	AA(HS)	12/3.37	7/3.37	16.85	783.76	93.90	0.2705
Penguin	211 600	0000	107.23	17.87	AA A	6/4.77	1/4.77	14.31	432.65	37.06	0.2675
Waxwing	266 800	· · ·	135.16	7.48	AA	18/3.09	1/3.09	15.45	430.12	30.27	0.2133
Partridge	266 800	· · ·	135.16	22.00	AA	26/2.57	7/2.00	16.28	545.87	50.29	0.2143
Ostrich	300 000	· · ·	152.00	24.71	AA	26/2.73	7/2.12	17.28	613.26	56.52	0.1906
Merlin	336 400	· · ·	170.45	9.48	AA	18/3.47	1/3.47	17.35	544.00	38.23	0.1691
Linnet	336 400	· · ·	1701.45	27.81	AA	26/2.89	7/2.25	18.31	687.36	62.71	0.1699
Oriole	336 400	· · ·	170.45	39.81	AA	30/2.69	7/2.69	18.83	783.17	77.45	0.1704
Chickadee	397 500	· · ·	201.42	11.16	AA	18/3.77	1/3.77	18.85	641.23	43.99	0.1431
Brant	397 500	· · ·	201.42	26.13	AA	24/3.27	7/2.18	19.62	760.85	64.69	0.1438
Ibis	397 500	· · ·	201.42	32.77	AA	26/3.14	7/2.44	19.88	812.33	72.11	0.1438
Lark	397 500	· · ·	204.42	46.97	AA	30/2.92	7/2.92	20.44	925.10	88.69	0.1442
Pelican	477 000	· · ·	241.68	13.42	AA	18/4.14	1/4.14	20.70	769.63	52.16	0.1193
Flicker	477 000	· · ·	241.68	31.29	AA	24/3.58	7/2.39	21.49	913.35	76.66	0.1199
Hawk	477 000	· · ·	241.68	39.42	AA	26/3.44	7/2.67	21.77	974.94	86.65	0.1199
Hen	477 000	· · ·	241.68	56.39	AA	30/3.20	7/3.20	22.40	1110.48	105.34	0.1201
Osprey	556 500	· · ·	282.00	15.68	AA	18/4.47	1/4.47	22.35	897.58	60.88	0.0122
Parakeet	556 500	· · ·	282.00	36.58	AA	24/3.87	7/2.58	23.22	1065.40	88.22	0.1027
Dove	556 500	· · ·	282.00	45.94	AA	26/3.72	7/2.89	23.55	1138.45	101.03	0.1027
Eagle	556 500	· · ·	282.00	65.81	AA	30/3.46	7/3.46	24.22	1295.41	122.92	0.1030
Peacock	605 000	· · ·	306.58	39.74	AA	24/4.03	7/2.69	24.19	1158.69	95.88	0.0945
Squab	605 000	· · ·	306.58	49.94	AA	26/3.87	7/3.01	24.51	1236.79	108.41	0.0945
Wood Duck	605 000	· · ·	306.58	71.55	AA	30/3.60	7/3.60	25.20	1408.19	128.84	0.0947
Teal	605 000	· · ·	306.58	69.87	AA	30/3.60	19/2.16	25.20	1396.43	133.59	0.0947
Kingbird	636 000	· · ·	322.26	17.90	AA	18/4.78	1/4.78	23.90	1026.42	69.56	0.08945

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接上表 /Pick up the table

代码名称 Code Name	导体结构 No. and diameter of wires				类型 Class	导体结构 No. and diameter of wires		导体外径 Overaldia meterl	每千米质量 Mass per km	拉断力 Rated Strength	直流电阻 Calculated d.c resistance at 20℃
	cmil	AWG	铝 Aluminum	钢 Steel		铝 Aluminum	钢 Steel				
			mm^2	mm^2		mm	mm	mm	kg/km	kN	Ω/km
Swift	636 000	· · ·	322.26	8.96	AA	36/3.38	1/3.38	23.66	956.35	60.52	0.08945
Rook	636 000	· · ·	322.26	41.81	AA	24/4.14	7/2.76	24.84	1217.30	100.83	0.08989
Grosbeak	636 000	· · ·	322.26	52.45	AA	26/3.97	7/3.09	25.15	1300.62	111.80	0.08989
Scoter	636 000	· · ·	322.26	75.22	AA	30/3.70	7/3.70	25.90	1480.49	135.44	0.09011
Egret	636 000	· · ·	322.26	73.55	AA	30/3.70	19/2.22	25.90	1468.74	140.55	0.09011
Flamingo	666 600	· · ·	337.74	43.81	AA	24/4.23	7/2.82	25.38	1276.37	105.66	0.08577
Gannet	666 600	· · ·	377.74	55.03	AA	26/4.07	7/3.16	25.76	1363.11	117.33	0.08577
Stilt	715 500	· · ·	362.58	46.97	AA	24/4.39	7/2.92	26.32	1370.25	113.35	0.07989
Starling	715 500	· · ·	362.58	59.03	AA	26/4.21	7/3.28	26.68	1463.53	125.91	0.07989
Redwing	715 500	· · ·	362.58	82.58	AA	30/3.92	19/2.35	27.43	1650.40	153.94	0.08009
Coot	795 000	· · ·	402.84	11.16	AA	36/3.77	1/3.77	26.39	1195.58	74.85	0.07156
Cuckoo	795 000	· · ·	402.84	52.19	AA	24/4.62	7/3.08	27.72	1522.00	123.94	0.07191
Drake	795 000	· · ·	402.84	65.51	AA	26/4.44	7/3.45	28.11	1626.15	139.92	0.07191
Tern	795 000	· · ·	402.84	27.87	AA	45/3.38	7/2.25	27.03	1331.57	97.37	0.07191
Condor	795 000	· · ·	402.84	52.19	AA	54/3.08	7/3.08	27.72	1520.51	124.45	0.07911
Mallard	795 000	· · ·	402.84	91.87	AA	30/4.13	19/2.48	28.92	1835.78	171.18	0.07208
Ruddy	900 000	· · ·	456.06	31.54	AA	45/3.59	7/2.40	28.74	1507.12	109.31	0.06351
Canary	900 000	· · ·	456.06	59.10	AA	54/3.28	7/3.28	29.52	1722.85	140.95	0.06351
Catbird	954 000	· · ·	483.42	13.42	AA	36/4.14	1/4.14	28.98	1434.22	87.66	0.05962
Rail	954 000	· · ·	483.42	33.42	AA	45/3.70	7/2.47	29.61	1597.88	115.85	0.05992
Cardinal	954 000	· · ·	483.42	62.65	AA	54/3.38	7/3.38	30.42	1825.66	149.36	0.05962
Tanager	1 033 500	· · ·	523.86	14.51	AA	36/4.30	1/4.30	30.10	1553.25	94.93	0.05504
Ortolan	1 033 500	· · ·	523.86	36.19	AA	45/3.85	7/2.57	30.81	1730.29	123.10	0.05331
Curlew	1 033 500	· · ·	523.86	67.87	AA	54/3.51	7/3.51	31.59	1977.26	161.80	0.05531
Bluejay	1 113 000	· · ·	563.93	39.03	AA	45/4.00	7/2.66	31.98	1865.68	132.63	0.05136
Finch	1 113 000	· · ·	563.93	71.55	AA	54/3.65	19/2.19	32.85	2127.53	174.41	0.05161
Bunting	1 192 500	· · ·	604.26	41.55	AA	45/4.14	7/2.76	33.12	1996.60	141.79	0.04793
Grackle	1 192 500	· · ·	604.26	76.58	AA	54/3.77	19/2.27	33.97	2277.80	186.78	0.04817
Skylark	1 272 000	· · ·	644.51	17.87	AA	36/4.78	1/4.78	33.46	1913.29	115.85	0.04472
Bittern	1 272 000	· · ·	644.51	44.52	AA	45/4.27	7/2.85	34.17	2130.51	151.48	0.04494
Pheasant	1 272 000	· · ·	644.51	81.63	AA	54/3.90	19/2.34	35.10	2431.04	194.00	0.04516
Dipper	1 351 500	· · ·	684.84	47.10	AA	45/4.40	7/2.93	35.43	2262.92	160.70	0.04230
Martin	1 351 500	· · ·	684.84	88.71	AA	54/4.02	19/2.41	36.17	2581.30	206.05	0.04250
Bobolink	1 431 000	· · ·	725.10	50.32	AA	45/4.53	7/3.02	36.24	2396.82	170.71	0.03994
Plover	1 431 000	· · ·	725.10	91.87	AA	54/4.14	19/2.48	37.24	2734.55	218.24	0.04013
Nuthatch	1 510 500	· · ·	765.35	52.90	AA	45/4.65	7/3.10	37.20	2529.23	177.89	0.03784
parrot	1 510 500	· · ·	765.35	96.84	AA	54/4.25	19/2.55	38.25	2883.32	230.20	0.03802
Lapwing	1 590 000	· · ·	805.68	55.48	AA	45/4.78	7/3.18	38.22	2663.13	187.02	0.03595
Falcon	1 590 000	· · ·	805.68	102.13	AA	54/4.36	19/2.62	39.26	3038.05	242.55	0.03613
Chukar	1 780 000	· · ·	902.70	73.51	AA	84/3.70	19/2.22	40.70	3082.69	226.85	0.03245
Bluebird	2 156 000	· · ·	1092.00	88.80	AA	84/4.07	19/2.44	44.76	3731.36	268.30	0.02681
Kiwi	2 167 000	· · ·	1100.00	47.50	AA	72/4.41	7/2.94	44.10	3423.39	221.60	0.02684
Thrasher	2 312 000		1170.80	65.15	AA	76/4.43	19/2.07	45.79	3753.68	253.00	0.02478