



CONSTRUCTION	
Steel reinforced	Zinc coated galvanized steel wire, Solid or stranded
Conductor	Hard drawn aluminium wire, stranded

APPLICATION
Used as bare overhead transmission cable and primary and secondary distribution.

REFERENCE
ASTM B232

CTW-ACSR		Size	Construction				Nominal Overall Diameter of Conductors	Weight	Maximum Conductor Resistance at 20°C	Rated Tensile Strength of Cable	Standard Packing
			Aluminium wire		Steel wire						
			Number	Diameter	Number	Diameter					
PRODUCT CODE	Code Name	Cmils or AWG	No	mm	No	mm.	mm.	kg/km	Ω/km	kN	m/R
A10202312	Thrasher	2312000	76	4.43	19	2.07	45.79	3,764	0.0249	251.86	500
A10202167	Kiwi	2167000	72	4.41	7	2.94	44.10	3,355	0.0258	221.71	500
A10202156	Bluebird	2156000	84	4.07	19	2.44	44.76	3,740	0.0266	268.05	500
A10201780	Chukar	1780000	84	3.70	19	2.22	40.70	3,092	0.0322	227.79	500
A102A1590	Falcon	1590000	54	4.36	19	2.62	39.26	3,048	0.0361	242.99	500
A102B1590	Lapwing	1590000	45	4.78	7	3.18	38.22	2,673	0.0359	187.43	1,000
A102A1511	Parrot	1510500	54	4.25	19	2.55	38.25	2,894	0.0380	230.53	1,000
A102B1511	Nuthatch	1510500	45	4.65	7	3.10	37.20	2,532	0.0379	177.64	1,000
A102A1431	Plover	1431000	54	4.14	19	2.48	37.24	2,744	0.0401	218.40	1,000
A102B1431	Bobolink	1431000	45	4.53	7	3.02	36.24	2,403	0.0400	170.51	1,000
A102A1352	Martin	1351500	54	4.02	19	2.41	36.17	2,588	0.0425	206.08	1,000
A102B1352	Dipper	1351500	45	4.40	7	2.93	35.19	2,266	0.0423	160.74	1,000
A102A1272	Pheasant	1272000	54	3.90	19	2.34	35.10	2,437	0.0451	194.13	1,000
A102B1272	Bittern	1272000	45	4.27	7	2.85	34.17	2,136	0.0450	151.63	1,000
A102C1272	Skylark	1272000	36	4.78	1	4.78	33.46	1,936	0.0450	119.29	1,000
A102A1193	Grackle	1192500	54	3.77	19	2.27	33.97	2,281	0.0483	184.19	1,000
A102B1193	Bunting	1192500	45	4.14	7	2.76	33.12	2,007	0.0478	142.42	1,000



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A102A1113	Finch	1113000	54	3.65	19	2.19	32.85	2,134	0.0515	174.60	1,000
A102B1113	Bluejay	1113000	45	4.00	7	2.66	31.98	1,872	0.0512	132.71	1,000
A102A1034	Curlew	1033500	54	3.51	7	3.51	31.59	1,978	0.0555	161.46	1,000
A102B1034	Ortolan	1033500	45	3.85	7	2.57	30.81	1,736	0.0553	123.28	1,000
A102C1034	Tanager	1033500	36	4.30	1	4.30	30.10	1,566	0.0556	96.53	1,000
A102A0954	Cardinal	954000	54	3.38	7	3.38	30.42	1,834	0.0598	149.72	1,000
A102B0954	Rail	954000	45	3.70	7	2.47	29.61	1,604	0.0599	116.07	1,000
A102C0954	Catbird	954000	36	4.14	1	4.14	28.98	1,452	0.0599	89.48	1,000
A102A0900	Canary	900000	54	3.28	7	3.28	29.52	1,727	0.0635	141.00	1,000
A102B0900	Ruddy	900000	45	3.59	7	2.40	28.74	1,510	0.0636	109.38	1,000
A102A0795	Mallard	795000	30	4.14	19	2.48	28.96	1,841	0.0719	171.22	1,000
A102B0795	Condor	795000	54	3.08	7	3.08	27.72	1,523	0.072	124.33	1,000
A102C0795	Tern	795000	45	3.38	7	2.25	27.03	1,337	0.0718	97.47	2,000
A102D0795	Drake	795000	26	4.44	7	3.45	28.11	1,627	0.0720	139.67	1,000
A102E0795	Cuckoo	795000	24	4.62	7	3.08	27.72	1,523	0.0720	123.82	1,000
A102F0795	Coot	795000	36	3.77	1	3.77	26.39	1,204	0.0723	74.20	2,000
A102A0715	Redwing	715500	30	3.92	19	2.35	27.43	1,651	0.0802	153.66	1,000
A102B0715	Starling	715500	26	4.21	7	3.28	26.68	1,466	0.0801	125.95	2,000
A102C0715	Stilt	715500	24	4.39	7	2.92	26.32	1,373	0.0798	113.35	2,000
A102A0666	Gannet	666600	26	4.07	7	3.16	25.76	1,367	0.0857	117.26	2,000
A102B0666	Flamingo	666600	24	4.23	7	2.82	25.38	1,277	0.0859	105.48	2,000
A102A0636	Egret	636000	30	3.70	19	2.22	25.90	1,472	0.0900	140.60	2,000
A102B0636	Scoter	636000	30	3.70	7	3.70	25.90	1,484	0.0900	135.53	2,000
A102C0636	Grosbeak	636000	26	3.97	7	3.09	25.15	1,302	0.0900	111.87	2,000
A102D0636	Rook	636000	24	4.14	7	2.76	24.84	1,223	0.0897	101.04	2,000
A102E0636	Swift	636000	36	3.38	1	3.38	16.90	968	0.0899	61.75	2,000
A102F0636	Kingbird	636000	18	4.78	1	4.78	23.90	1,031	0.0893	69.72	2,000
A102A0605	Teal	605000	30	3.61	19	2.16	25.24	1,398	0.0946	133.37	2,000
A102B0605	Wood duck	605000	30	3.61	7	3.61	25.27	1,413	0.0946	129.02	2,000
A102C0605	Squab	605000	26	3.87	7	3.01	24.51	1,237	0.0947	108.14	2,000
A102D0605	Peacock	605000	24	4.03	7	2.69	24.19	1,160	0.0946	95.86	2,000

R = Packing in reel



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PRODUCT CODE	Code Name	Cmils or AWG	No	mm	No	mm.	mm.	kg/km	Ω/km	kN	m/R
A102A0556	Eagle	556500	30	3.46	7	3.46	24.22	1,298	0.1030	122.94	2,000
A102B0556	Dove	556500	26	3.72	7	2.89	23.55	1,142	0.1025	101.10	2,000
A102C0556	Parakeet	556500	24	3.87	7	2.58	23.22	1,069	0.1026	88.29	2,000
A102D0556	Osprey	556500	18	4.47	1	4.46	22.34	901	0.1021	60.89	3,000
A102A0477	Hen	477000	30	3.20	7	3.20	22.40	1,110	0.1204	105.16	2,000
A102B0477	Hawk	477000	26	3.44	7	2.67	21.77	976	0.1199	86.36	3,000
A102C0477	Flicker	477000	24	3.58	7	2.39	21.49	915	0.1199	76.78	3,000
A102D0477	Pelican	477000	18	4.14	1	4.14	20.70	773	0.1190	52.30	3,000
A102A0397	Lark	397500	30	2.92	7	2.92	20.44	925	0.1446	90.30	3,000
A102B0397	Ibis	397500	26	3.14	7	2.44	19.88	814	0.1439	72.05	3,000
A102C0397	Brant	397500	24	3.27	7	2.18	19.62	763	0.1437	64.72	3,000
A102D0397	Chickadee	397500	18	3.77	1	3.77	18.85	641	0.1435	43.37	3,000
A102A0336	Oriole	336400	30	2.69	7	2.69	18.83	785	0.1703	77.43	3,000
A102B0336	Linnet	336400	26	2.89	7	2.25	18.31	690	0.1699	62.76	4,000
A102C0336	Merlin	336400	18	3.47	1	3.47	17.35	543	0.1694	38.17	4,000
A10200300	Ostrich	300000	26	2.73	7	2.12	17.28	615	0.1904	56.55	4,000
A102A0266	Partridge	266800	26	2.57	7	2.00	16.28	546	0.2148	50.23	4,000
A102B0266	Waxwing	266800	18	3.09	1	3.09	15.45	431	0.2136	30.27	4,000
A10200211	Penguin	211600	6	4.77	1	4.77	14.31	433	0.2676	37.06	4,000
A10200211	Cochin	211300	12	3.37	7	3.37	16.85	781	0.2694	91.79	3,000
A10200203	Brahma	203200	16	2.86	19	2.48	18.12	1,003	0.2819	126.52	2,000
A10200190	Dorking	190800	12	3.20	7	3.20	16.00	704	0.2987	82.77	4,000
A10200176	Dotterel	176900	12	3.08	7	3.08	15.40	652	0.3225	76.68	4,000
A10200167	Pigeon	167800	6	4.25	1	4.25	12.75	344	0.3371	29.42	4,000
A10200159	Guinea	159000	12	2.92	7	2.92	14.60	586	0.3588	71.10	4,000
A10200134	Leghorn	134600	12	2.69	7	2.69	13.45	498	0.4227	60.67	4,000
A10200133	Quail	133100	6	3.78	1	3.78	11.34	272	0.4261	23.27	4,000
A10200110	Minorca	110800	12	2.44	7	2.44	12.20	409	0.5138	50.19	4,000
A10200105	Raven	105600	6	3.37	1	3.37	10.11	216	0.5361	19.35	4,000
A10200101	Petrel	101800	12	2.34	7	2.34	11.70	377	0.5587	46.16	4,000
A10200084	Robin	83690	6	3.00	1	3.00	9.00	171	0.6764	15.81	4,000



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PRODUCT CODE	Code Name	Cmils or AWG	No	mm	No	mm.	mm.	kg/km	Ω/km	kN	m/R
A10200080	Grouse	80000	8	2.54	1	4.24	9.32	222	0.7112	22.86	4,000
A102A0066	Sparate	66360	7	2.47	1	3.30	8.24	159	0.8553	16.14	4,000
A102B0066	Sparrow	66360	6	2.67	1	2.67	8.01	136	0.8540	12.69	4,000
A102A0042	Swanate	41740	7	1.96	1	2.61	6.53	100	1.3584	10.53	4,000
A102B0042	Swan	41740	6	2.12	1	2.12	6.36	86	1.3546	8.30	4,000
A10200033	-	33090	6	1.89	1	1.99	5.77	70	1.7043	7.06	4,000
A10200026	Turkey	26240	6	1.68	1	1.68	5.04	54	2.1570	5.28	4,000

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