



### Construction

Aluminum 1350-H19 wires, concentrically stranded about a steel core. Standard core wire for ACSR is class A galvanized.

### Standard

ASTM B230, B232, B498, B500, IEC, or other standards required by customers.

### Applications

Sino-cables type ACSR is used as bare overhead transmission conductor and as primary and secondary distribution conductor and messenger support. ACSR offers optimal strength for line design. Variable steel core stranding enables desired strength to be achieved without sacrificing ampacity.

### Package

in coil, steel and wooden reel, steel reel, wooden reel.



Code	Size	Section		Stranding		Stranding		Diameter		Weight	Rated Strength	Maximum Resistance @20°C
		AL	TORAL	Design		AL	Steel	AL	Steel			
	AWG or MCM	in <sup>2</sup>		AL	Steel	in		in		lbs/1000ft	lbs	Ω/1000ft
Turkey	6	0.0206	0.0240	6	1	0.0661	0.0661	0.198	0.0661	36.2	1,190	0.414
Swan	4	0.0328	0.0383	6	1	0.0835	0.0835	0.250	0.0835	57.8	1,865	0.414
Swanate	4	0.0328	0.0411	7	1	0.0772	0.1028	0.283	0.103	67.3	2,352	0.414
Sparrow	2	0.0521	0.0608	6	1	0.1051	0.1051	0.315	0.105	91.8	2,842	0.261
Sparate	2	0.0521	0.0653	7	1	0.0972	0.1299	0.325	0.130	106.9	3,640	0.251
Robin	1	0.0657	0.0767	6	1	0.118	0.118	0.355	0.118	115.8	3,554	0.204
Raven	1/0	0.0829	0.0967	6	1	0.133	0.133	0.398	0.133	146.2	4,381	0.161
Quail	2/0	0.105	0.122	6	1	0.149	0.149	0.446	0.149	184.1	5,293	0.130
Pigeon	3/0	0.132	0.154	6	1	0.167	0.167	0.502	0.167	232.3	6,627	0.103
Penguin	4/0	0.166	0.194	6	1	0.188	0.188	0.563	0.188	292.8	8,349	0.0817
*Owl	266.8	0.209	0.237	6	1	0.211	0.071	0.633	0.211	340.7	9,550	0.0643
Waxwing	266.8	0.209	0.222	18	1	0.122	0.122	0.609	0.122	289.7	6,872	0.0646
Partridge	266.8	0.210	0.243	26	7	0.101	0.079	0.641	0.235	368.1	11,272	0.0648
Merlin	336.4	0.265	0.279	18	1	0.137	0.137	0.684	0.137	365.6	8,666	0.0512
Linnet	336.4	0.265	0.307	26	7	0.114	0.0886	0.721	0.265	463.0	14,840	0.0507
Ibis	397.5	0.312	0.363	26	7	0.124	0.0961	0.783	0.288	547.0	16,508	0.0430
Lark	397.5	0.312	0.384	30	7	0.115	0.115	0.806	0.345	623.0	20,287	0.0427
Pelican	477	0.375	0.395	18	1	0.163	0.163	0.814	0.163	518.1	11,788	0.0361
Flicker	477	0.375	0.423	24	7	0.141	0.0941	0.846	0.282	616.3	17,170	0.0362
Hawk	477	0.375	0.436	26	7	0.135	0.105	0.857	0.316	657.4	19,580	0.0357
Hen	477	0.375	0.462	30	7	0.126	0.126	0.883	0.378	747.3	23,772	0.0355
Heron	500	0.392	0.484	30	7	0.129	0.129	0.904	0.387	780.9	24450	0.0348
Osprey	556.5	0.437	0.462	18	1	0.176	0.176	0.879	0.176	604.2	13741	0.0309
Parakeet	556.5	0.437	0.494	24	7	0.152	0.102	0.914	0.304	717.1	19839	0.0308
Kingbird	636	0.499	0.527	18	1	0.188	0.188	0.94	0.188	690.9	15714	0.0273
Grosberk	636	0.499	0.581	26	7	0.156	0.122	0.99	0.365	875	25192	0.0268
Flamingo	666.6	0.524	0.592	24	7	0.167	0.111	0.606	0.333	858.9	23701	0.0257
Starling	715.5	0.563	0.654	26	7	0.166	0.129	1.051	0.387	984.5	28362	0.0238
Cuckoo	795	0.625	0.705	24	7	0.182	0.121	1.092	0.364	1026.2	27886	0.0218
Drake	795	0.625	0.725	26	7	0.175	0.136	1.108	0.408	1094.1	31656	0.0215
Mallard	795	0.625	0.767	30	19	0.163	0.0976	1.14	0.489	1235.2	40540	0.0213
Condor	795	0.625	0.705	54	7	0.121	0.121	1.093	0.364	1026.2	28150	0.0218
Rail	954	0.749	0.801	45	7	0.146	0.0972	1.165	0.291	1075.3	25950	0.0181
Cardinal	954	0.749	0.846	54	7	0.133	0.133	1.196	0.399	1229.2	35985	0.018
Ortolan	1033.5	0.812	0.868	45	7	0.152	0.101	1.213	0.303	1165.3	27727	0.0167
Curiew	1033.5	0.812	0.918	54	7	0.138	0.138	1.246	0.415	1331.3	36770	0.0166
Bluejay	1113	0.874	0.935	45	7	0.157	0.157	1.258	0.315	1254.7	29850	0.0155

Finch	1113	0.874	0.984	54	19	0.144	0.0862	1.293	0.431	1430.8	39123	0.0155
Bittern	1272	0.9998	1.068	45	7	0.138	0.112	1.345	0.336	1434.1	34100	0.0136
Bobolink	1431	1.124	1.201	45	7	0.178	0.119	1.427	0.357	1612.9	38351	0.0121
Lapwing	1590	1.249	1.335	45	7	0.188	0.125	1.502	0.376	1792.3	42110	0.0109
Falcon	1590	1.249	1.407	54	19	0.172	0.103	1.545	0.515	2043.7	54605	0.0108
Bluebird	2156	1.693	1.831	84	19	0.16	0.0961	1.762	0.481	2510.8	60683	0.00799

\*All values are nominal and subject to correction.