

ACSR-II BARE CONDUCTORS PHYSICAL DATA

Codeword	Size (AWG or kcmil)	Stranding (Al/Steel)	Steel Wire Diameter (inch)	Aluminum Wire Diameter (inch)	Major Overall Diameter* (inch)	Aluminum Weight (lb/kft)	Steel Weight (lb/kft)	Total Weight (lb/kft)	Rated Strength (lbf)
ACSR-II Turkey	6	2 x 6/1	0.0661	0.0661	0.396	49.0	23.2	72.2	2380
ACSR-II Swan	4	2 x 6/1	0.0834	0.0834	0.500	78.0	36.8	114.8	3720
ACSR-II Swanate	4	2 x 7/1	0.1029	0.0772	0.514	78.0	56.0	134.0	4720
ACSR-II Sparrow	2	2 x 6/1	0.1052	0.1052	0.632	124.0	58.6	182.6	5700
ACSR-II Robin	1	2 x 6/1	0.1181	0.1181	0.710	156.4	73.8	230.2	7100
ACSR-II Raven	1/0	2 x 6/1	0.1327	0.1327	0.796	197.4	93.2	290.6	8760
ACSR-II Quail	2/0	2 x 6/1	0.1489	0.1489	0.894	248.8	117.6	366.4	10620
ACSR-II Pigeon	3/0	2 x 6/1	0.1672	0.1672	1.004	313.4	148.2	461.6	13240
ACSR-II Penguin	4/0	2 x 6/1	0.1878	0.1878	1.126	395.4	186.8	582.2	16700
ACSR-II Waxwing	266.8	2 x 18/1	0.1217	0.1217	1.218	500.6	78.4	579.0	13760
ACSR-II Partridge	266.8	2 x 26/7	0.0788	0.1013	1.284	503.4	231.2	734.6	22600
ACSR-II Merlin	336.4	2 x 18/1	0.1367	0.1367	1.368	565.8	259.6	730.4	17360
ACSR-II Linnet	336.4	2 x 26/7	0.0884	0.1137	1.440	634.2	291.0	925.2	28200
ACSR-II Oriole	336.4	2 x 30/7	0.1059	0.1059	1.482	636.2	418.0	1054.0	34600
ACSR-II Chickadee	397.5	2 x 18/1	0.1486	0.1486	1.486	746.2	117.0	863.2	19880
ACSR-II Ibis	397.5	2 x 26/7	0.0961	0.1236	1.566	749.4	343.8	1093.0	32600
ACSR-II Pelican	477	2 x 18/1	0.1628	0.1628	1.628	895.6	140.4	1036.0	23600
ACSR-II Flicker	477	2 x 24/7	0.0940	0.1410	1.692	900.2	329.0	1229.0	34400
ACSR-II Hawk	477	2 x 26/7	0.1053	0.1364	1.696	899.2	412.8	1312.0	39000
ACSR-II Hen	477	2 x 30/7	0.1261	0.1261	1.766	902.2	592.6	1495.0	47600

* Minor Overall Diameter is ½ of Major Overall Diameter