

ACSR - Aluminum Conductor Steel Reinforced

Code Word	Size (AWG or MCM)	Stranding (Al/Steel)	AMPS	Weight (kg/km)	Conductor Length per Package (meters)
Turkey	6	6/1	105	53	5250
Swan	4	6/1	140	85	3310
Sparrow	2	6/1	184	135	4160
Raven	1/0	6/1	242	216	2620
Quail	2/0	6/1	276	272	2070
Pigeon	3/0	6/1	315	345	1640
Penguin	4/0	6/1	357	433	1300
Partridge	266.8	26/7	475	546	2440
Piper	300.0	30/7	480	696	2290
Ostrich	300.0	26/7	492	781	2150
Oriole	336.4	30/7	535	687	2040
Linnett	336.4	26/7	529	613	1940
Lark	397.5	30/7	594	924	1730
Ibis	397.5	26/7	587	810	1650
Hen	477.0	30/7	666	1107	1440
Hawk	477.0	26/7	659	974	2470
Heron	500.0	30/7	680	1160	1380
Dove	556.7	26/7	726	1136	2120
Grosbeak	636.0	26/7	789	1297	1860
Starling	715.5	26/7	849	1461	1660
Crow	715.5	54/7	860	1368	1730
Drake	795.0	26/7	907	1623	1490
Condor	795.0	54/7	889	1520	1560
Curlew	1033.5	54/7	1047	1976	1200

Other sizes and construction available upon request.

Application

ACSR is primarily used in overhead transmission and distribution lines.

Construction

ACSR consists of a galvanized steel core of 1 wire, 7 wires, or 19 wires surrounded by concentric layers of aluminum 1350-H19 wire.

Standards

Conforms to ASTM B 232-97, CSA C49.1, CAN/CSA C61089.