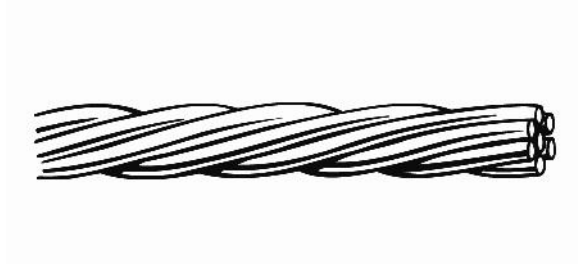


Bare Aluminum, ACSR



Applications

Aluminum conductor steel reinforced (ACSR) is used for aerial transmission. It has a high strength to weight ratio.

Specifications

- CONDUCTOR: Compact aluminum conductors steel reinforced (ACSR) complies with one-layer compact ACSR in CSA Standard C49.2 (ACSR)
- STANDARDS: 1350 alloy - H19 temper
- AMPACITY: Based on a 40°C ambient temperature with a wind velocity of 2 ft./sec. and an emissivity factor of 0.5 with no sun per ANSI/IEEE Std. 738-1976 and The Aluminum Association Std. 55

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Other types: (1) extra high-strength strands which have a higher ratio of steel to aluminum, (2) smooth body strands in which the individual aluminum wires are compressed into sector shapes around the steel core and provide a smooth outer surface. Diameters and weights may vary among manufacturers.

Part No.	Code Name	Conductor Size or Circular Mils/AWG	Strands AL/Steel	Amps per Conductor	Min. Breaking Strength lb.
1H-0601T	Turkey	6	6/1	90	1,190
1H-0401S	Swan	4	6/1	120	1,860
1H-0201SP	Sparrow	2	6/1	160	2,850
1H-0101	Robin	1	6/1	185	3,550
1H-1011R	Raven	1/0	6/1	215	4,380
1H-2021Q	Quail	2/0	6/1	245	5,310
1H-3031P	Pigeon	3/0	6/1	285	6,620
1H-4041P	Penguin	4/0	6/1	325	8,350
1H-2661P	Partridge	266,800	26/7	415	11,300
1H-3001	Piper	300,000	30/7	450	-----
1H-3001O	Ostrich	300,000	26/7	445	12,700
1H-3361M	Merlin	336,400	18/1	470	8,680
1H-3361	Oriole	336,400	30/7	485	17,300
1H-3361L	Linnett	336,400	26/7	480	14,100
1H-3971	Lark	397,500	30/7	540	20,300
1H-3971I	Ibis	397,500	26/7	535	16,300
1H-4771	Hen	477,000	30/7	610	23,800
1H-4771H	Hawk	477,000	26/7	600	19,500
1H-5001	Heron	500,000	30/7	620	-----
1H-5561	Eagle	556,500	30/7	675	27,800
1H-5561D	Dove	556,500	26/7	665	22,600
1H-6051	Duck	605,000	54/7	700	-----
1H-6361	Goose	636,000	54/7	730	-----
1H-6361G	Grosbeak	636,000	26/7	725	25,200
1H-7151	Starling	715,500	26/7	785	28,400
1H-7151C	Crow	715,500	54/7	770	-----
1H-7951C	Condor	795,000	54/7	825	28,200
1H-7951D	Drake	795,000	26/7	840	31,500
1H-8741	Crane	874,500	54/7	880	-----
1H-9001	Canary	900,000	54/7	880	31,900
1H-9541C	Cardinal	954,000	54/7	930	33,800
1H-10331	Curlew	1,033,500	54/7	980	36,600

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