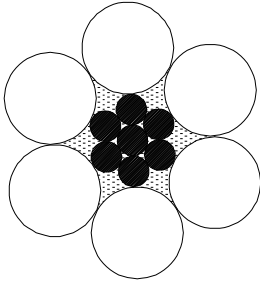


ALUMINIUM CONDUCTOR STEEL REINFORCED



APPLICATIONS:

ACSR has the established reputation for economy and dependability in power transmission lines. Also used for primary and secondary distribution lines. Wide range of steel content from 7% to 40% can be achieved by different strandings, to meet desired strength.

SPECIFICATIONS:

Anvil's bare Aluminium Conductor Steel Reinforced meet the following specifications:

- ASTM B 399
- BS 3242
- DIN 48201
- IEC 1089

CONSTRUCTION:

EC Grade Aluminium wires concentrically stranded over a steel core. The steel core wire is zinc coated. Various grades of coating is available. The steel core can also be 'aluminized' to produce ACSR/AZ or Aluminium clad' to produce ACSR/AW. If required additional protection against corrosion can be provided by application of steel core with grease.



ANVIL CABLES PVT. LTD.

Manufacturers of Cables, Conductors, Earth / Stay Wires
20, Ballygunge Circular Road, Calcutta, India - 700 019
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EMAIL : anvil.cal@vsnl.com WEB : www.anvilcables.com

ALL ALUMINIUM ALLOY CONDUCTORS

AMERICAN SIZES: ASTM B 399

Size	Alloy Area	Number of Strands	Diameter	Overall Diameter of Conductor	Lineal Weight	Rated Strength	Maximum Resistance @ 20°C
mm ²	mm ²		mm	mm	kg / km	kg	Ω / km
16	16.07	7	1.71	5.13	44.1	519	2.094
25	24.95	7	2.13	6.39	68.5	805	1.340
35	34.91	7	2.52	7.56	95.8	1,127	0.957
50	50.14	7	3.02	9.06	140.3	1,620	0.670
50	49.97	19	1.83	9.15	137.1	1,563	0.670
70	70.26	19	2.17	10.5	192.7	2,198	0.478
95	94.76	19	2.52	12.6	260	2,965	0.352
120	119.51	19	2.83	14.15	327.9	3,740	0.279
150	150.01	37	2.27	15.75	411.6	4,593	0.223
185	184.54	37	2.52	17.5	506	5,650	0.181
240	240.4	61	2.24	20.25	659.6	7,280	0.139
300	299.43	61	2.50	22.5	821.6	9,068	0.111
400	400.14	61	2.89	26.01	1,098	11,727	0.0837
500	499.83	61	3.23	29.07	1,371	14,582	0.0670
625	630.4	91	2.97	32.56	1,730	18,456	0.0532
800	802.09	91	3.35	36.85	2,200	23,180	0.0419
1000	999.71	91	3.74	41.14	2,743	28,890	0.0335



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