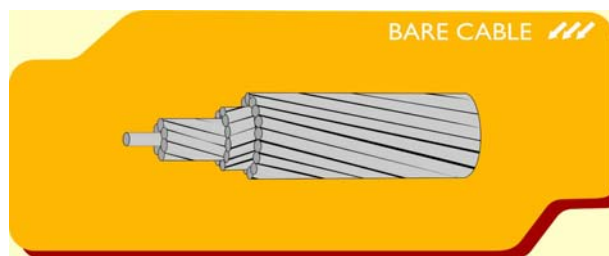


## ACSR

## Aluminium Conductors Steel Reinforced



## BARE CONDUCTOR

## TECHNICAL DATA

SPEC STD	Specification : BS 215, Part - 2
APL	Used for overhead transmission lines

## DIMENSIONAL , MECHANICAL &amp; ELECTRICAL DATA

AREA				Number of core & Dia. Wire		Overall Diameter approx.	Weight			Min. Calculated Breaking Load	Max. DC Resistance at 20°C	Std. Length per reel
Nominal Aluminium	Aluminium	Steel	Total	Aluminium	Steel		Aluminium	Steel	Total			
(mm <sup>2</sup> )	(mm <sup>2</sup> )	(mm <sup>2</sup> )	(mm <sup>2</sup> )	n / (mm)	n / (mm)	(mm)	(kg / km)	(kg / km)	(kg / km)	(KN)	(Ohm/km)	(M+/-5%)
125	131.1	30.6	161.7	30/2.36	7/2.36	16.52	362	240	602	58.00	0.2202	2.500
150	158.0	36.9	194.9	30/2.59	7/2.59	18.13	437	289	726	62.90	0.1828	2.000
	158.7	8.8	167.5	18/3.35	1/3.35	16.75		69	506	35.70	0.1815	3.000
175	183.4	42.8	226.2	30/2.79	7/2.79	19.53	507	335	842	79.80	1.1576	2.000
	184.2	10.3	194.5	18.361	1/3.61	18.05		80	587	41.10	0.1563	2.500
200	212.0	49.5	261.5	30/3.00	7/3.00	21.00	586	388	974	92.25	0.1363	
225	238.5	55.6	294.1	30/3.18	7/3.18	22.26	659	436	1095	100.60	0.1212	
250	264.0	61.6	325.6	30.3235	7/3.35	23.45	730	483	1213	111.10	0.1093	2.000
300	324.3	75.7	400.0	30/3.71	7/3.17	25.97	896	593	1489	135.70	0.0891	3.000
350	374.1	87.3	461.4	30/3.99	7/3.99	27.93	1034	684	1718	155.90	0.07704	
	373.1	48.4	421.5	54/2.97	7/2.97	26.73	1032	379	1411	118.20	0.07727	2.500
	381.8	49.5	431.3	54/3.00	7/3.00	27	1056	388	1444	120.90	0.07573	3.000
200	210.6	11.7	222.3	18/3.86	1/3.86	19.3	580	91	671	46.55	0.1367	2.000
400	429.3	100.2	529.5	30/4.27	7/4.27	29.89	1186	785	1971	178.50	0.0726	2.500
	428.9	55.6	484.5	54/3.18	7/3.18	28.62		435	1621	131.90	0.0674	2.000
450	477.0	111.3	588.3	30/4.50	7/4.50	31.5	1318	872	2190	198.20	0.26056	
	475.2	61.6	536.8	54/3.35	7/3.35	30.15	1314	483	1797	145.70	0.06073	2.500
500	528.7	68.5	597.2	54/3.53	7/3.53	31.77	1462	537	1999	161.10	0.0547	2.000