



# AAC-All Aluminum Conductor



## APPLICATION

AAC conductor is also known as aluminium stranded conductor, This product is suitable for electric transmission line overhead

## CABLE STANDARDS

National Standards, IEC, SANS 182-2, BS, AS, ASTM and etc. upon request.



The electrical and dimensional properties of this product are measured by the Technical and Quality Assurance department at the JiangNan Cables laboratory. Cable performance in respect of conductor resistance, construction quality (workmanship), dimensional consistency, and other parameters are verified to published standards and approved

## Cable Size-SANS 182-2 Standard Size

Nominal Cross-sectional Area(mm <sup>2</sup> )	Number Of Wire (mm)	Diameter (mm)	Appro.overall Diameter(mm)	Appro.Weight (Kg/km)	Calculated Breaking Strength(KN)	Max.D.C.resistance Of Conductor At 20°C(Ω/km)
25	7	2.12	6.42	68	4.12	1.182
39	7	2.65	8.03	106	6.12	0.7563
58	7	3.25	10.15	152	8.82	0.5029
100	7	4.26	12.91	273	14.6	0.2929
158	19	3.25	16.92	434	23.4	0.1962
273	19	4.26	21.52	745	38.8	0.1084
323	19	4.65	23.49	888	46.2	0.09096
415	37	3.78	26.73	1145	59.9	0.07085
527	37	4.26	30.12	1454	75.6	0.05580
685	61	3.78	34.36	1891	96.6	0.04307
869	61	4.26	38.73	2402	122	0.03392

\*Other size can be provided as your requirement

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