



APPLICATION 7 and 19 strand construction is suitable for bare overhead reticulation of medium spans, normally at low and medium voltages. 37 and 61 strand construction is suitable for transmission and subtransmission lines for short span projects. Also used as flexible bus bar AAC = All Aluminium Conductor.	STANDARD	BS 215 Part 1:1970
	CONDUCTOR	Aluminium Alloy 1350
	STRAND CONSTRUCTION	As Below

Product Code	Conductor Aluminium		Nominal Overall Diameter mm	Calculated Min Breaking Load kN	Final Modulus of Elasticity GPa	Coefficient of Linear Expansion /° x 10 ⁻⁵	Approximate Mass kg/km	Max. Packing m
	Area mm ²	Makeup No./mm						
Grasshopper	84.1	7/3.91	11.7	12.8	59	23	230	2000
Clegg	95.6	7/4.17	12.5	14.5	59	23	262	2000
Wasp	106.2	7/4.39	13.2	16.0	59	23	290	1500
Beetle	106.4	19/2.67	13.4	17.4	56	23	293	2500
Weke	122.5	7/4.72	14.2	18.5	59	23	335	1500
Bee	132.0	7/4.90	14.7	19.9	59	23	361	1500
Hornet	157.6	19/3.25	16.3	24.7	56	23	434	2000
Cricket	157.9	7/5.36	16.1	23.9	59	23	432	1500
Weta	167.5	19/3.55	16.8	26.2	56	23	461	2000
Caterpillar	185.9	19/3.53	17.7	28.6	56	23	512	2000
Chafer	213.2	19/3.78	18.9	32.4	56	23	587	2000
Mata	222.3	19/3.86	19.3	33.8	56	23	612	2000
Spider	237.6	19/3.99	20.0	36.0	56	23	654	2000