



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	Approximate Mass kg/km	Calculated Min Breaking Load kN	Final Modulus of Elasticity GPa	Coefficient of Linear Expansion /° x 10 ⁻⁵	Max. Packing m
	Area mm ²	Makeup No./mm						
Cockroach	265.7	19/4.22	21.1	731	40	56	23	2000
Butterfly	322.7	19/4.65	23.3	888	49	56	23	1500
Moth	373.2	19/5.00	25.0	1026	56	56	23	1500
Drone	372.4	37/3.58	25.1	1027	58	56	23	1000
Centipede	415.2	37/3.78	26.5	1145	63	56	23	1000
Locust	428.7	19/5.36	26.8	1180	64	56	23	1000
Maybug	486.1	37/4.09	28.6	1340	74	56	23	1000
Scorpion	529.8	37/4.27	29.9	1461	80	56	23	1000
Cicada	628.3	37/4.65	32.6	1732	95	56	23	1000
Tarantula	749.9	37/5.23	36.6	2192	120	56	23	1000