



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						
Midge	23.3	7/2.06	6.2	60	4.0	59	23	2000
Namu	24.5	7/2.11	6.3	70	4.2	59	23	2000
Aphis	26.4	3/3.35	7.2	70	4.1	62	23	2000
Gnat	26.9	7/2.21	6.6	70	4.6	59	23	2000
Poko	30.6	7/2.36	7.1	80	5.1	59	23	4000
Weevil	31.6	3/3.66	7.9	90	4.9	62	23	2000
Mosquito	36.9	7/2.59	7.8	100	6.1	59	23	2000
Ladybird	42.8	7/2.79	8.4	120	6.9	59	23	2000
Kutu	49.5	7/3.00	9.0	140	7.9	59	23	2000
Ant	52.8	7/3.10	9.3	140	8.3	59	23	2000
Fly	63.6	7/3.40	10.2	170	9.9	59	23	2000
Rango / Bluebottle	73.6	7/3.66	11.0	200	11.3	59	23	2000
Earwig	78.6	7/3.78	11.3	210	11.9	59	23	2000