



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

AS 1531:1991

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						
Gemini	16.8	7/1.75	5.3	50	3.0	59	23	6000
Jupiter	27.8	7/2.25	6.8	80	4.8	59	23	6000
Leo	33.9	7/2.50	7.5	90	5.8	59	23	3200
Leonids	41.6	7/2.75	8.25	113	6.72	59	23	3200
Libra	48.9	7/3.00	9.0	140	7.9	59	23	3000
Mars	76.3	7/3.75	11.3	210	11.9	59	23	2000
Mercury	110	7/4.50	13.5	310	16.8	59	23	1500
Moon	122	7/4.75	14.3	340	18.8	59	23	1500
Neptune	154	19/3.25	16.3	430	24.7	56	23	2000
Orion	183	19/3.50	17.5	503	28.7	56	23	2000
Pluto	206	19/3.75	18.8	580	32.3	56	23	2000
Saturn	262	37/3.0	21.0	720	41.8	56	23	2000
Sirius	307	37/3.25	22.8	845	48.2	56	23	2000
Taurus	331	19/4.75	23.8	930	50.9	56	23	1500
Triton	409	37/3.75	26.3	1130	62.9	56	23	2000
Uranus	506	61/3.25	29.3	1400	75.2	56	23	2000
Ursula	587	61/3.50	31.5	1620	87.3	56	23	1500
Venus	673	61/3.75	33.8	1860	97.2	56	23	1500