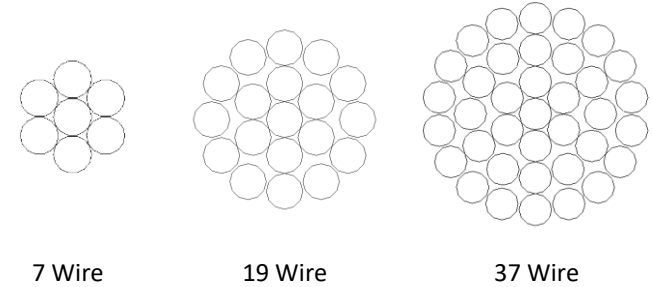


## All Aluminium Alloy Conductor (AAAC/1120)

- Standard : AS 1531
- Conductor : Aluminium Alloy 1120



Code Name	Item Code	No. / Diameter of wires	Calculated sectional area	Approx. diameter of conductor	Approx. weight of conductor	Calculated breaking load	Modulus of Elasticity	Coefficient of Linear Expansion	Calculated DC resistance at 20°C
		No. / mm	mm <sup>2</sup>	mm	kg/km	kN	GPa	(x 10 <sup>-6</sup> / °C)	Ω/km
CHLORINE	1267490000	7 / 2.50	34.4	7.5	94	8.18	65	23.0	0.864
FLUORINE	1267487000	7 / 3.00	49.5	9.0	135	11.8	65	23.0	0.599
HELIUM	1267493000	7 / 3.75	77.3	11.3	211	17.6	65	23.0	0.383
IODINE	1267500000	7 / 4.75	124	14.3	339	27.1	65	23.0	0.239
NEON	1267495000	19 / 3.75	210	18.8	576	47.8	65	23.0	0.142
NITROGEN	1267505000	37 / 3.00	262	21.0	720	62.2	64	23.0	0.114

- 1) Conductors are non-greased. Greased conductor available on request.
- 2) Blue tape is incorporated within conductor to identify Aluminium Alloy 1120.

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of MM Cables is indicative only and shall not be binding on MM Cables or be treated as constituting a representation on the part of MM Cables.