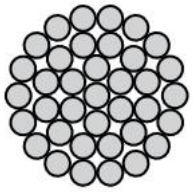
Bare Overhead Conductors TYPE AAAC/1120 to AS 1531

-Aluminium alloy 1120 conductors



Note: The above drawing is for representation purpose only.

Cable Construction:

Conductor: Aluminum Alloy 1120 Conductor

Standards Compliance

AS 1531-1991 Conductors-Bare overhead,aluminium and aluminium alloy

Physical & Electrical characteristics

Conductor Code Name	Strand/ Wire Diameter no/mm	Cross-sectional area mm2	Nominal Overall diameter mm	Approximate mass kg/km	Breaking Load kN	DC resistance @20℃ Ω/km
Chlorine	7/2.5	34.4	7.5	94.3	8.2	0.864
Chromium	7/2.75	41.6	8.3	113	9.9	0.713
Fluorine	7/3.00	49.5	9	135	11.8	0.601
Helium	7/3.75	77.3	11.3	212	17.6	0.383
Hydrogen	7/4.50	111	13.5	304	24.3	0.266
Iodine	7/4.75	124	14.3	339	27.1	0.239
Krypton	19/3.25	158	16.3	433	37.4	0.189
Lutetium	19/3.50	183	17.5	503	41.7	0.163
Neon	19/3.75	210	18.8	576	47.8	0.142
Nitrogen	37/3.00	262	21	721	62.2	0.114
Nobelum	37/3.25	307	22.8	845	72.8	0.0973
Oxygen	19/4.75	337	23.8	924	73.6	0.0884
Phosphorus	37/3.75	409	26.3	1120	93.1	0.0731
Rhodium	61/3.00	431	27	1192	97	0.0694
Selenium	61/3.25	506	29.3	1400	114	0.0592
Silicon	61/3.50	587	31.5	1620	127	0.0511
Sulphur	61/3.75	674	33.8	1860	145	0.0444
Xenon	91/4.5	1450	49.5	4010	300	0.0207

Note: If customer has conductor grease requirement, please contact us.