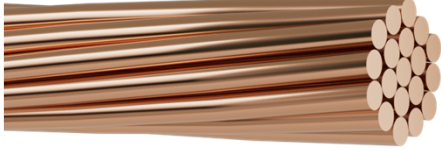


Copper Aerial- Hard Drawn (Bare)



Application: The Hard Drawn Copper aerial cable features reduced elongation and outstanding tensile strength, making it ideal for use in overhead line applications.

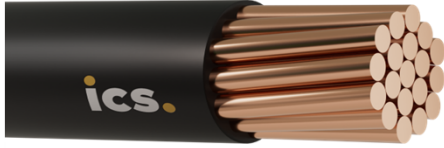
Construction: Plain Hard Drawn Non-Compacted copper.

Standards: ASNZS1746

Item Code	Nominal C. S. A. mm ²	Stranding (No./mm)	Nominal Overall mm	Approx. Mass kg/km	Minimum Breaking kN	Min. Calculated D.C. Resistance Ω/km	Final Modulus of GPa	Coefficient of Linear /°C x 10 ⁻⁶
6BHCU	6	7/1.04	3.12	53.4	2.51	3.02	120	17
7BHCU	7	7/1.12	3.36	61.9	2.90	2.61	120	17
10BHCU	10	7/1.35	4.05	89.9	4.18	1.79	120	17
16BHCU	16	7/1.70	5.10	142.6	6.52	1.13	120	17
25BHCU	25	7/2.14	6.42	225.9	10.1	0.713	120	17
35BHCU	35	19/1.53	7.65	315.6	14.1	0.522	118	17
40BHCU	40	19/1.63	8.15	358.3	16.0	0.460	118	17
50BHCU	50	19/1.83	9.15	451.6	19.9	0.365	118	17
70BHCU	70	19/2.14	10.7	617.5	26.9	0.267	118	17
95BHCU	95	37/1.83	12.8	882.1	38.8	0.188	117	17

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

Copper Aerial- Hard Drawn (Covered)



Application: The Hard Drawn Copper aerial cable features reduced elongation and outstanding tensile strength, making it ideal for use in overhead line applications. The covering is not intended as electrical insulation but is specifically designed to reduce the risk of conductor corrosion in harsh environment, such as coastal areas.

Construction: Plain Hard Drawn Non-Compacted copper.

Covering: PVC (V-75) Min 2% Carbon Black for UV resistance

Standards: ASNZS1746

Item Code	Nominal C. S. A.	Conductor		Nominal Covering Thickness	Nominal Overall Diameter	Approx. Mass	Maximum D.C. Resistance at 20°C	Minimum Breaking Load
		Stranding	Diameter					
	mm ²	(No./mm)	mm	mm	kg/km	Ω/km	kN	
6BHCUC	6	7/1.04	3.12	1.0	5.3	72.2	3.18	2.3
10BHCUC	10	7/1.35	4.05	1.0	6.3	112.9	1.89	3.9
16BHCUC	16	7/1.70	5.10	1.0	7.3	170.4	1.19	5.9
25BHCUC	25	7/2.14	6.42	1.2	9.0	267.6	0.749	10.4
35BHCUC	35	19/1.53	7.65	1.2	10.3	364.0	0.540	12.7
40BHCUC	40	19/1.63	8.15	1.4	11.2	419.2	0.460	16.1
50BHCUC	50	19/1.83	9.15	1.4	12.2	518.9	0.399	18.2
70BHCUC	70	19/2.14	10.7	1.4	13.7	694.7	0.276	24.9
95BHCUC	95	37/1.83	12.8	1.6	16.2	987.1	0.199	35.5

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