

Copper Clad Aluminum Wire

Comparison with Copper wire

Item	Volumn of copper (%)	Weight of copper (%)	Length Comparison	Density (g/m)	Max Resistance $\Omega\text{mm}^2/\text{m}(20^\circ\text{C})$	Min Conductivity (%IACS)
CCA -15%	13-17	37	2.45:1	3.32-3.63	≤ 0.02743	65
Copper wire	100	100	1:1	8.89	0.017241	100

Specification

Nominal Diameter(mm)	Tensile Strength Mpa		Elongation %	
	(H) H Class Min	(A) A Class Max	(H) H Class Min	(A) A Class Max
5.00	148	138	1.5	15
4.85	152	138	1.5	15
3.76	172	138	1.5	15
3.18	179	138	1.0	15
3.15	179	138	1.0	15
2.83	186	138	1.0	15
2.80	186	138	1.0	15
2.77	186	138	1.0	15
2.23	200	138	1.0	15
2.15	200	138	1.0	15
2.05	205	138	1.0	15

Remark:

The above mentioned data property should only be regarded as a general information of products and not a guarantee. Some of the properties can be tailor made for you.

