Copper Crimp Links

Standard Range

CABAC's Links are made from 99.9%+ cu IACS high conductivity copper which gives the best electrical properties possible. The links comply with AS4325.1 and test reports are available on request.

Because the copper is oxygen free, CABAC's Links are capable of withstanding a continuous operating temperature of 155˚C, which is well above normal capabilities of copper links.

They should be crimped with standard Australian tooling. See the tool and selection chart in section C, pages C14 - C15

Catalogue No.	Nominal Conductor (mm^2)	Stranding No./Dia.	Dimensions (mm)			Qty Per Box	Tooling							A/F Hex Die (mm)	No. of Crimps per end
			I.D.	A	F		Indent		Hexagonal						
CAS1.5	1.0-1.5	1/0.80	1.8	22	10.5	100	HN1, HN2	K10/3							1
CAS2.5	2.5	7/0.67	2.4	22	10.5	100			K25, K26, K27	K28					1
CAS4	4	7/0.85	3.1	22	10.5	100									1
CAS6	6	7/1.04	3.8	22	10.5	100					K05	K06, K06C, BO35			1
CAS10	10	7/1.35	4.7	22	10.5	100								4.4	1
CAS16	16	7/1.70	5.5	44	21.5	100								5.7	1
CAS25	25	19/1.35	7.1	48	23.5	50								6.3	1
CAS35	35	19/1.53	8.2	48	23.2	50								7.7	1
CAS50	50	19/1.78	9.5	48	23.2	50								9.2	1
CAS70	70	19/2.14	11.2	52	23.2	25								10.4	1
CAS95	95	37/1.78	13.4	54	26.2	25								11.5	1
CAS120	120	37/2.03	15.6	66	32.0	25								14.2	1
CAS150	150	37/2.25	16.7	66	32.0	25								16.5	1
CAS185	185	37/2.52	18.4	66	32.0	20								18.3	1
CAS240	240	61/2.25	21.2	91	44.5	1								20.0	1
CAS300	300	61/2.52	23.5	91	44.5	1								23.1	3
CAS400	400	61/2.85	26.8	91	44.5	1								26.0	3
CAS500	500	61/3.20	30.0	112	54.0	1								28.1	3
CAS630	630	127/2.52	34.0	112	54.0	1								31.0	3
CAS800	800	127/2.85	39.3	230	110	1								37.0	4
CAS1000	1000	127/2.30	44.0	230	111	1								43.2	4
														48.0	4

K9 | HT131-C, HT131L-C, B131L-C, B135-C, RHU131-C, B131-C | HT51, B51 | ECW-H3D, RHU 520

Copper reducing links are also available. See page B16 and B17.

Technical Data

Conductive Material

Copper	99.95% pure
Oxygen Content	30 ppm max
Tensile Strength	200 MPa
Ductile Rating	40%
Final Metal State	Fully Annealed

Operating Temperature

-55°C to 155°C due to oxygen free copper

Electroplating Material

Tin	99.9% pure
Other Metals	Lead + Antimony
Thickness	4 microns

General Electrical Properties

Total Conductivity	99.7% IACS
Total Resistivity	1.738 micro-ohm cm

Conformant Standards

AS4325 Part 1 Australia; DIN/VDE Germany; JIS Japan; BS United Kingdom; UL/NEMA USA

Dimensional Specification

Tooling is interchangeable between CABAC, Utilux and Burndy.

Accepting Authorities

Electricity Services Victoria
Energy Australia
Rail Services Australia
Energex
Western Power - and many other recognised Authorities.