

Copper Crimp Lugs

Standard Range

Catalogue No.	Nominal Conductor (mm ²)	Stranding No./Dia.	ID Size	Dimensions (mm)					Qty Per Box	Tooling		A/F Hex Die (mm)	No. of Crimps
				Stud	A	B	C	D	E	Indent	Hex		
CAL70-6	70	19/2.14	11.2	6	54	21	3.3	24	25			11.5	1
CAL70-8				8	54	21	3.3	24					
CAL70-10				10	54	21	3.3	24					
CAL70-12				12	54	21	3.3	24					
CAL70-16				16	64	28	2.4	34					
CAL95-8	95	37/1.78	13.4	8	60	25	3.9	26	25	K9	K06, B035	14.2	1
CAL95-10				10	60	25	3.9	26					
CAL95-12				12	60	25	3.9	26					
CAL95-16				16	64	28	3.4	30					
CAL120	120	37/2.03	15.6	-	64	29	5.0	26	25		HT51, B51	16.5	1
CAL120-8				8	64	29	5.0	26					
CAL120-10				10	64	29	5.0	26					
CAL120-12				12	64	29	5.0	26					
CAL120-16				16	68	29	5.0	30					
CAL120-20				20	81	34	5.2	42					
CAL150	150	37/2.25	16.7	-	71	32	5.5	32	20		ECW-H30 (to 630mm ²), RHU520	18.3	1
CAL150-10				10	71	32	5.5	32					
CAL150-12				12	80	32	5.5	41					
CAL150-16				16	80	32	5.5	41					
CAL185-10	185	37/2.52	18.4	10	74	35	5.7	32	20			20.0	1
CAL185-12				12	83	35	5.7	41					
CAL185-16				16	83	35	5.7	41					
CAL185-20				20	84	38	5.0	42					
CAL240	240	61/2.25	21.2		92	40	7.1	42	1			23.1	3
CAL240-10				10	92	40	7.1	42					
CAL240-12				12	92	40	7.1	42					
CAL300	300	61/2.52	23.5		101	45	7.8	46	1			26.0	3
CAL300-10				10	101	45	7.8	46					
CAL300-12				12	101	45	7.8	46					
CAL400	400	61/2.85	26.8		114	50	7.7	52	1			28.1	3
CAL400-12				12	114	50	7.7	52					
CAL500	500	61/3.20	30.0		124	56	8.5	56	1			31.0	3
CAL500-12				12	124	56	8.5	56					
CAL630	630	127/2.52	34.0		134	65	10.9	56	1			37.0	4
CAL800	800	127/2.85	39.3		275	76	14	125	1			43.2	4
CAL1000	1000	127/3.20	44		295	85	16	125	1			48.0	4
CAL1200	1200		44.5		295	85	15.5	125	1			48.0	4
CAL1600	1600		49.5		385	95.3	17.5	160	1			58.5	4

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	5-10 microns

General Electrical Properties

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

Conformant Standards

AS/NZS4325 Part 1
IEC France
DIN/VDE Germany
JIS Japan
BS United Kingdom & UL/NEMA USA

Dimensional Specification

Tooling is interchangeable between CABAC, Utilux and Burndy.

Torque Recommendations

For hardware being metric 8.8 tensile grade

Thread dia.(mm)	Torque (Nm)
5	5
6	9
8	22
10	44
12	77
16	190

Accepting Authorities

Electricity Services Victoria, Energy Australia
Rail Services Australia, Energex, Western
Power, Ergon, Integral Energy, Country
Energy, Powercor and many other recognised
Authorities.