

Bi-metal Crimp Connector

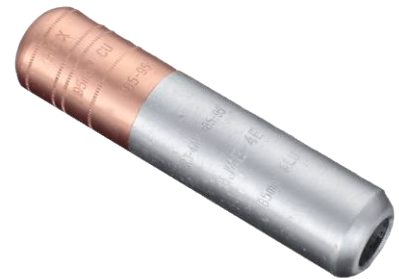
1. Bi-metal Lugs are made from the highest quality aluminium and copper joined using a friction welding process.

Technical Data

Conductive Material

- Aluminium: 99.6% pure
- Copper: 99.9% pure
- Tensile Strength: 110MPa
- Ductile Rating: 28%
- Joining Method: Friction Welding (IEC std)

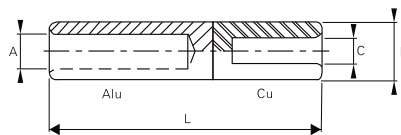
- Operating Temperature
-40°C to 100°C
- Conformant Standards
IEC (Fra.); DIN/DE (Ger.)



Electrical Properties

Resistivity Aluminium: 2.6 micro-ohm cm (max)
Copper: 1.738 micro-ohm cm

Conductivity Aluminium: 61.8% IACS (min)
Copper: 99.7% ACS



Part No.	Conductor (mm)		Dimensions (mm)			
	Alu	Cu	E	A	C	L
CAU25-25	25	25	16	6.5	7.5	90.5
CAU35-25	35	25	20	8	7.5	106.5
CAU50-35	50	35	20	9	8.5	106.5
CAU50-70	50	70	20	9	11	106.5
CAU70-35	70	35	20	11	8.5	106.5
CAU70-50	70	50	20	11	9.5	106.5
CAU70-70	70	70	20	11	11	106.5
CAU95-50	95	50	20	12.5	9.5	106.5
CAU95-70	95	70	20	12.5	11	106.5
CAU95-75	95	75	20	12.5	12	106.5
CAU95-95	95	95	20	12.5	13	106.5
CAU120-70	120	70	25	13.7	11	133
CAU120-95	120	95	25	13.7	13	133
CAU120-120	120	120	25	13.7	14.2	133
CAU150-95	150	95	25	15.5	13	133
CAU150-120	150	120	25	15.5	14.2	133
CAU150-150	150	150	25	15.5	16	133
CAU185-95	185	95	32	17	13	143.5
CAU185-120	185	120	32	17	14.2	143.5
CAU185-150	185	150	32	17	16	143.5
CAU185-185	185	185	32	17	18	143.5
CAU240-120	240	120	32	19.5	14.2	143.5
CAU240-150	240	150	32	19.5	16	143.5
CAU240-185	240	185	32	19.5	18	143.5
CAU240-240	240	240	32	19.5	20	143.5
CAU300-185	300	185	40	23.3	18	180
CAU300-240	300	240	40	23.3	22	180
CAU400-240	400	240	40	26	22	180
CAU630-300	630	300	47	32.5	23	218.5