

# CU LUG 6MM2 CABLE 6MM STUD

Part Number: CAL6-6



## Features

- Made from high conductivity annealed Copper
- Crimped with CABAC and MSS Power standard tooling and dies
- General use crimp lugs

## Product Description

Copper Crimp Lug - Standard Range

CABAC copper crimp lugs are made from 99.9% + cu high conductivity annealed copper which gives the best electrical properties possible.

It is our recommendation that CABAC copper crimp lugs should be crimped with standard Australian tooling.

Conformant Standards

AS4325 Part 1 Australia; IEC France, DIN/VDE Germany, JIS Japan, BS United Kingdom and

In support of our policy of continuous product improvement we reserve the right to change materials and specifications without notice. Drawings, where used, are not to scale. All dimensions are in millimetres and sizes given are approximate. Where possible, technical MSDS data sheets are made available on the website. All products should be installed and used in accordance with manufacturer's instructions provided. Warning: products may be the subject of registered designs and patents. Refer to website for terms and conditions on warranty.

NEMA USA

Test reports are available on request

## Technical Information

### Conductive Material

Copper 99.95% pure

Oxygen content 30 p.p.m Max.

Tensile strength 200 MPa

Ductile rating 40%

Final metal state fully annealed

### Electroplating Material

Tin 99.9% pure

Other metals lead + antimony

Thickness 5 -10 microns

### Dimensional Specification

Tooling is interchangeable between CABAC, Utilux and Burndy

### General Electrical Properties

Total conductivity 99.7% IACS

Total resistivity: 1.738 micro-ohm cm

### Accepting Authorities

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

### Torque Recommendations

Recommended torques for hardware should be to Australian and New Zealand Standards

Thread dia.(mm) / Torque (Nm)

5 / 5

6 / 9

8 / 22

10 / 44

12 / 77

16 / 190

## Specifications

Nominal Conductor (mm<sup>2</sup>): 6

Stranding No./Dia.: 7/1.04

ID Size (mm): 3.8

Stud (mm): 6

Qty Per Box: 100

## Additional Information

In support of our policy of continuous product improvement we reserve the right to change materials and specifications without notice. Drawings, where used, are not to scale. All dimensions are in millimetres and sizes given are approximate. Where possible, technical MSDS data sheets are made available on the website. All products should be installed and used in accordance with manufacturer's instructions provided. Warning: products may be the subject of registered designs and patents. Refer to website for terms and conditions on warranty.

## **Line Drawing**

[Download Line Drawing](#)

## **Line Drawing**

[Download Line Drawing](#)

## **Brochures**

[Download Brochures](#)

In support of our policy of continuous product improvement we reserve the right to change materials and specifications without notice. Drawings, where used, are not to scale. All dimensions are in millimetres and sizes given are approximate. Where possible, technical MSDS data sheets are made available on the website. All products should be installed and used in accordance with manufacturer's instructions provided. Warning: products may be the subject of registered designs and patents. Refer to website for terms and conditions on warranty.