

# CU LUG 16MM<sup>2</sup> CABLE 8MM STUD

Part Number: CAL16-8



## 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

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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>): 16

Stranding No./Dia.: 7/1.70

ID Size (mm): 5.5

Stud (mm): 8

Qty Per Box: 50

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## **Additional Information**

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### **Tension**

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