

CU LUG 185MM² CABLE 12MM STUD

Part Number: CAL185-12



Features

- Made from high conductivity annealed Copper
- Crimped with CABAC and MSS Power standard tooling and dies
- Complies with AS4325.1
- General purpose 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

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.

AS4325 Part 1 Australia; IEC France, DIN/VDE Germany, JIS Japan, BS United Kingdom and 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 (mm²): 185

Stranding No./Dia.: 37/2.52

ID Size (mm): 18.4

Stud (mm): 12

Qty Per Box: 20

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Additional Information

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Certificate of Standards Conformity

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