



## **TYCAB AUSTRALIA PTY LTD**

A.B.N. 43 100 305 833

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269 FRANKSTON-DANDENONG ROAD

(LOCKED BAG 1413)

DANDENONG STH VICTORIA 3164

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[www.tycab.com.au](http://www.tycab.com.au)

### **PRODUCT SPECIFICATION**

**1.PRODUCT CODE**     **ZBD1382102**

**2. DESCRIPTION**       120 mm<sup>2</sup> Plain copper V90HT PVC Insulated .  
single core 0.6/1kv to AS5000.1  
For fixed application with FLEXIBLE conductor.

#### **3. CONSTRUCTION**

**3.1 CONDUCTOR :**       3800 strands of 0.2 mm nom Plain Annealed Copper to  
AS1125 drawn from Class 110A copper to AS1574.  
Max. D.C. resistance at 20C : 0.161 ohms / km

**3.2 INSULATION**       Coloured P.V.C. type V90HT to AS3808  
Nominal Diameter :    17.5 mm  
Nom. Wall Thickness :  1.6 mm

#### **3.3 IDENTIFICATION**

Indented at intervals not exceeding 500mm

“TYCAB 120 MM<sup>2</sup> 2000 V90HT ELECTRIC CABLE 0.6/1KV”

#### **4. REFERENCE STANDARDS**

**4.1 AS1125**               Max. conductor Resistance

**4.2 AS3808**               PVC compound type.

**4.3 AS5000**               Construction to 0.6/1KV SINGLE CORE

**4.4 AS3008.1.2:2010**    Power Amp Ratings (table 4 )  
Voltage Drop Derating Factors