



## PRODUCT SPECIFICATION

**1.PRODUCT CODE**    **ZDXU1382102**

**2. DESCRIPTION**    **120 mmsq Plain copper . R-E-110 Insulated ,  
V90HT Nitrile modified PVC sheathed single core .  
0.6/1KV to AS5000.1 with FLEXIBLE conductor.  
For Fixed Application**

### **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 R-E-110 to AS3808

Nominal Diameter :    17.5 mm  
Nom. Wall Thickness :    1.6 mm

**3.3 SHEATH**        Coloured Nitrile modified P.V.C. type V90HT to AS3808

Nominal Diameter :    20.8 mm  
Nom. Wall Thickness :    1.6 mm

### **3.4 IDENTIFICATION**

Cable marked at intervals not exceeding 500mm

“TYCAB 2012 R-E-110 ELECTRIC CABLE 0.6/1KV”

### **4. REFERENCE STANDARDS**

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|---------------------|--|
| <b>4.1 AS1125</b>   | Max. conductor Resistance  |
| <b>4.2 AS3808</b>   | <b>INSULATION and SHEATH</b> compound type.  |
| <b>4.3 AS5000.1</b> | Construction to 0.6/1KV SHEATHED SINGLE CORE<br>FOR FIXED APPLICATIONS<br>CABLE TESTS TO TABLE 5 AS APPLICABLE |
| <b>4.4 AS3008</b>   | Power Amp Ratings<br>Voltage Drop<br>Derating Factors  |