



## TYCAB AUSTRALIA PTY LTD

A.B.N. 43 100 305 833  
A.C.N. 100 305 833  
269 FRANKSTON-DANDENONG ROAD  
(LOCKED BAG 1413)  
DANDENONG STH VICTORIA 3164  
TELEPHONE 03 (Int. 613) 8791 0300  
FAX - ADMIN 03 (Int. 613) 9794 0031  
CUSTOMER SERVICE  
PHONE 03 (Int. 613) 8791 0333  
FAX 03 (Int. 613) 9791 8732  
[www.tycab.com.au](http://www.tycab.com.au)

## PRODUCT SPECIFICATION

- 1. PRODUCT CODE**      ZDXU1221202
- 2. DESCRIPTION**      70.0mmsq Plain Copper Wire.  
R-E-110 Insulated, V90HT Nitrile modified PVC sheathed single core.  
0.6/1KV to AS/NZS5000.1 with FLEXIBLE conductor.

### 3. CONSTRUCTION

**3.1 CONDUCTOR:**      2240 strands of 0.2 mm nominal Plain Annealed Copper to  
AS/NZS 1125 drawn from Class 110A copper to AS/NZS1574.

Max. D.C. resistance at 20C:      0.272 ohms / km

**3.2 INSULATION:**      Coloured R-E-110 AS/NZS3808

Nominal Diameter:      13.8 mm  
Nominal Wall Thickness:      1.4 mm

**3.3 SHEATH:**      Coloured Nitrile modified P.V.C. type V90HT to AS/NZS3808

Nominal Diameter:      16.9 mm  
Nominal Wall Thickness:      1.5 mm

**3.4 IDENTIFICATION:**      Cable marked at intervals not exceeding 500mm

**TYCAB 2014 R-E-110 ELECTRIC CABLE 0.6/1KV**

### 4. REFERENCE STANDARDS

- 4.1 AS/NZS1125**      Max. conductor Resistance
- 4.2 AS/NZS3808**      **INSULATION and SHEATH compound type.**
- 4.3 AS/NZS5000.1**      Construction to 0.6/1KV SHEATHED SINGLE CORE  
FOR FIXED APPLICATIONS
- 4.4 AS/NZS3008**      Power Amp Ratings  
Voltage Drop  
Derating Factors

**AUSTRALIAN MADE CABLES LEADING THE WAY**