

## PRODUCT SPECIFICATION



- 1. PRODUCT CODE** BEM37104
- 2. DESCRIPTION** 2 Core x 7/1.04 (6mm<sup>2</sup>) + 7/0.67 Earth (2.5mm<sup>2</sup>). P.A.C.W.  
V90 Insulated and 3V90 P.V.C. Sheathed.  
Flat Twin & Earth Building Cable 450/750 Volt to AS/NZS 5000.2.  
Oxygen Free Copper. RoHS Compliant.  
TUV AUTHORISED MARKING: TUV022085EA
- 3. CONSTRUCTION**
- 3.1 CONDUCTOR:**
- PHASE:** 7 strands of 1.04 mm nom. Plain Annealed Copper to AS/NZS 1125 Class 2.  
Max. D.C. resistance at 20C: 3.08 ohms / km
- EARTH:** 7 strands of 0.67 mm nom. Plain Annealed Copper to AS/NZS 1125 Class 2.  
Max. D.C. resistance at 20C: 7.41 ohms / km
- 3.2 INSULATION:**
- ACTIVE & NEUTRAL:** Coloured V90 P.V.C. to AS/NZS 3808.  
Nominal Diameter: 4.8 mm  
Nominal Wall Thickness: 0.8 mm
- EARTH:** Nominal Diameter: 3.4 mm  
Minimum Wall Thickness: 0.7 mm
- 3.3 CORE COLOURS:**
- ACTIVE** 1. RED  
**NEUTRAL** 2. BLACK  
**EARTH** 3. LIGHT GREEN/YELLOW (in centre)  
Laid parallel
- 3.4 SHEATH:** Coloured 3V90 P.V.C. to AS/NZS 3808.  
Flat configuration
- Nominal Dimensions: 7.0 x 15.3 mm  
Nominal Wall Thickness: 1.1 mm
- 3.5 IDENTIFICATION:** Printed on the sheath at maximum distance of 550mm:

**TYCAB AUSTRALIA 2017 V90 ELECTRIC CABLE 450/750V TUV022085EA BEM37104 2X6.0MM<sup>2</sup> + 2.5MM<sup>2</sup> E**

And Metre Marked