**PRODUCT SPECIFICATION**

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**1. PRODUCT CODE** BEM37085

**2. DESCRIPTION**  2 Core x 7/0.85 (4mm2) + 7/0.67 Earth (2.5mm2). 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 0.85 mm nom. Plain Annealed Copper to

 AS/NZS 1125 Class 2.

Max. D.C. resistance at 20C: 4.61 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: 4.2 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: 6.4 x 14.8 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 BEM37085 2X4.0MM2 + 2.5MM2 E**

And Metre Marked

  