**PRODUCT SPECIFICATION**

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**1. PRODUCT CODE** BEM31113

**2. DESCRIPTION**  2 Core 1/1.13 + 7/0.4 Earth (1.0mm2 T&E). 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:**  1 strand of 1.13 mm nom. Plain Annealed Copper to

 AS/NZS 1125 Class 2.

Max. D.C. resistance at 20C: 18.1 ohms / km

 **EARTH:** 7 strands of 0.4 mm nom. Plain Annealed Copper to

 AS/NZS 1125 Class 2.

Max. D.C. resistance at 20C: 21.2 ohms / km

 **3.2 INSULATION:** Coloured V90 P.V.C. to AS/NZS 3808.

  Nominal Diameter: 2.35 mm

 Nominal Wall Thickness: 0.6 mm

 Minimum Wall Thickness: 0.44 mm at any point

 **EARTH:** Nominal Diameter: 2.35 mm

 Minimum Wall Thickness: 0.44 mm at any point

 **3.3 CORE COLOURS:** 1. RED

2. BLACK

3. LIGHT GREEN/YELLOW (Earth core in the middle of Red & Black core)

Note: EARTH to be 30% min stripe width of Green or Yellow and have

base consisting of Green or Yellow only

 Laid parallel

 **3.4 SHEATH:** Coloured 3V90 P.V.C. to AS/NZS 3808.

 Flat configuration

 Nominal Dimensions: 8.85 x 4.15 mm

 Nominal Wall Thickness: 0.9 mm

 Minimum Wall Thickness: 0.67 mm at any point

**3.5 IDENTIFICATION:** Printed on the sheath at maximum distance of 550mm:

**TYCAB AUSTRALIA 2017 V90 ELECTRIC CABLE 450/750V TUV022085EA BEM31113 1MM2 T&E**

And Metre Marked

  