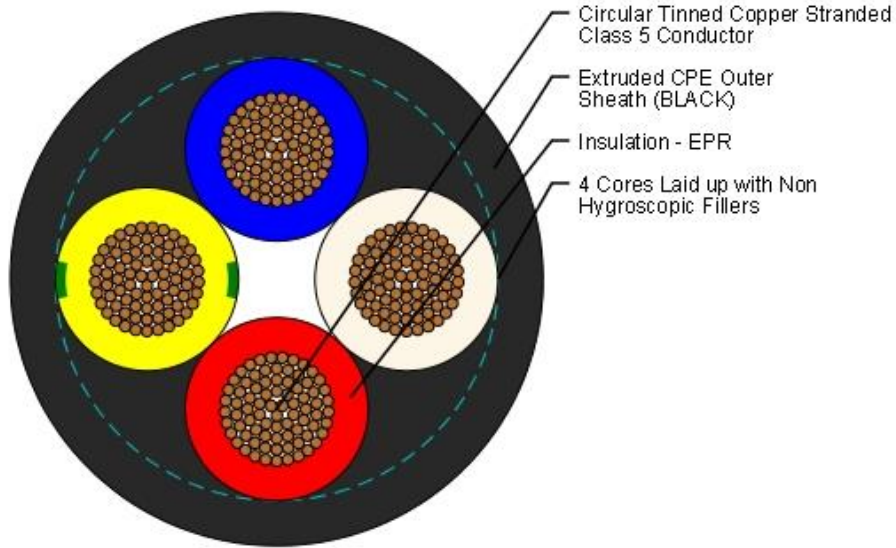


**0.6/1KV3C+E10MM<sup>2</sup> TCU C5/R-EP-90(EPR)/GP-90-CPE(EM7)BK**

Ref:M009606\_V0\_A0



<b>Product Standard</b>	AS/NZS 5000.1	
<b>Rated Voltage(Uo/U)</b>	0.6/1	kV
<b>1 Circular Stranded TCU Class 5 Conductor</b>		
Number of Core(s)	4	Nos
Nominal cross-sectional area	<b>10</b>	mm <sup>2</sup>
Approx. Diameter of Conductor	4.2	mm
<b>2 Insulation - EPR</b>		
Color(s)	<b>RED,WHITE,BLUE,GREEN/YELLOW</b>	
Nominal Thickness	1.2	mm
Approx. Diameter over Insulation	6.7	mm
<b>3 4 Cores Laid up with Non Hygroscopic Fillers</b>		
Approx. Diameter over Laid Up	16.2	mm
<b>4 Extruded CPE Outer Sheath (BLACK)</b>		
Nominal Thickness	1.8	mm
Approx. Diameter over outer sheath	19.5	mm
<b>5 Approx. Weight of complete cable</b>	680	kg/km
<b>6 Electrical Parameters</b>		
Max. DC Resistance of Conductor at 20°C	1.95	Ω/km
Approx. AC Resistance of Conductor at 90 °C	2.487	Ω/km
<b>7 Current Carrying Capacity</b> based on the conditions specified		
Ambient air temperature	30	°C
<b>8 Maximum conductor temperature</b> for continuous operation / Short Circuit Operation	90/250	°C
<b>9 Installation Parameters</b>		
Maximum pulling force (For Conductor)	240	kgf
Minimum Bending Radius	156	mm

**0.6/1KV3C+E10MM<sup>2</sup> TCU C5/R-EP-90(EPR)/GP-90-CPE(EM7)BK**

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- \* Drawing not to Scale
- \* All dimensions and weight mentioned are approximate
- \* Refer "Ducab Drum Handling,Storage and Installation Guide" for more details on drum Handling.
- \* This TDS is Auto-Generated from Design Data Base,hence no signature is required.