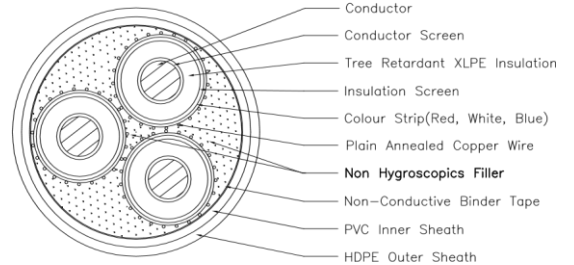




AL/TRXLPE/SCW/PVC/HDPE Cable [6.35/11(12)KV]

SCHEDULE OF TECHNICAL PARTICULARS

- 1) Specification : AS/NZS 1429.1:2006
- 2) Voltage, Uo/U (Um) : 6.35/11(12) kV.
- 3) Maximum Conductor Temperature (°C) : - 90°C (Normal operation)
- 105°C (Emergency operation)
- 250°C (Short-circuit operation - 5s max)
- 4) Conductor : Aluminium Wire, AS/NZS 1125, Class 2
- 5) Conductor Screen : Semi-Conductive Compound
- 6) Insulation : Tree-Retardant XLPE
- 7) Insulation Screen : Semi-Conductive Compound (Strippable)
- 8) Identification of cores : Red, White, Blue by colour strip
- 9) Metallic Screen : Plain Annealed Copper Wire
- 10) Filler : Non Hygroscopic Filler (Centre & Interstices)
- 11) Binder Tape : Non-Conductive Binder Tape
- 11) Inner Sheath : PVC 5V-90 (Orange)
- 12) Outer Sheath : HDPE (Black)



THREE COREAL/TRXLPE/SCW/PVC/HDPE [6.3/11(12) KV]			
Nominal Conductor Area	mm ²	95	185
MM Cables Item Code	-	1259810016	1259970016
Nominal Conductor Diameter	mm	11.5	16.1
Nominal Insulation Thickness	mm	3.4	3.4
Approximate Cable Diameter	mm	55.0	65.9
Approximate Cable Weight	kg/km	3,250	4,710
DC resistance of conductor at 20°C	ohm/km	0.320	0.164
Short Circuit Rating of conductor	kA/1s	9.0	17.5
Earth fault current carrying capacity of metallic screen	kA/1s	9.1	10.6

- Embossing : MM CABLES XLPE ELECTRIC CABLE 6.35/11KV <Size> MM2 AL 3C <PO No.> <Year> - Length marking

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