

**POWER CABLE**  
**Cu, XLPE insulated, PVC bedding, SWB, PVC outer sheath**  
**IEC60332.3**

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<b>Type</b>	<b>R-Cu/XLPE/PVC/SWB/PVC 0,6/1Kv</b> <b>RE4ORAR 0,6/1Kv</b>	<b>2X 2,5sqmm</b>
<b>Conductor :</b>	Stranded plain copper conductor according to IEC60228 cl.2 size 2,5sqmm ( 7x0,67 ) Diam.                    2 mm	
<b>Insulation :</b>	Cross-linked XLPE extruded compound Thickness :                0,7 mm	- Temperature range -20 + 90°C - Temperature laying -5 + 90°C
<b>Laying up :</b>	Twisted to core, color Blue - Black ( or to be agreed )	

**Bedding :** PVC, Polyvinylchloride Low Smoke and Fume extruded compound  
Thickness :                1,0 mm

**Armour :** SWB, Galvanized steel braid wires  
Thickness :                0,3 mm

**Outer sheath :** PVC, Polyvinylchloride Low Smoke and Fume extruded compound  
Color :                    Grey ( or to be agreed )  
Thickness :                1,6 mm  
Overall diameter :        14 mm  
Total weight :             320 Kg/Km

**Marking :**

On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.

**Performance :**

- Conductor resistance            7,41 ohm/Km    ( + 5% for multipair )
- Test voltage core to core        4 Kv
- Flame retardant according to IEC60332-3-24, CEI20-22/3
- Low smoke and fume as per IEC60754-1, CEI20-37
- HCL emission <= 22%
- Minimum bending radius        14 V. D.
- Hydrocarbon resistant

**Weight and diameter are theoretical + / - 10%**