

**POWER CABLE**  
**Cu, XLPE insulated, PVC bedding, SWA, PVC outer sheath**  
**IEC60332.3, BS6724**

---

<b>Type</b>	<b>R-Cu/XLPE/PVC/SWA/PVC 0,6/1Kv RE4ORFR 0,6/1Kv</b>	<b>27X 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 Black numbered ( or to be agreed )	
<b>Bedding :</b>	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Thickness :                1,0 mm	
<b>Armour :</b>	SWA, Galvanized steel round wires Thickness :                1,25 mm	
<b>Outer sheath :</b>	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Color :                    Black ( or to be agreed ) Thickness :                2,0 mm Overall diameter :        30 mm Total weight :            1770 Kg/Km	
<b>Marking :</b>	On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.	
<b>Performance :</b>	- Conductor resistance            7,41 ohm/Km    ( + 5% for multipair ) - Test voltage core to core        3,5 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 and UV resistant	

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