

POWER CABLE
Cu, XLPE insulated, PVC bedding, SWA, PVC outer sheath
IEC60332.3, BS6346

Type	R-Cu/XLPE/PVC/SWA/PVC 0,6/1Kv RE4ORFR 0,6/1Kv	12G 2,5sqmm
Conductor :	Stranded plain copper conductor according to IEC60228 cl.2 size 2,5sqmm (7x0,67) Diam. 2 mm	
Insulation :	Cross-linked XLPE extruded compound Thickness : 0,7 mm	- Temperature range -20 + 90°C - Temperature laying -5 + 90°C
Laying up :	Twisted to core, color Black numbered - Y/G (or to be agreed)	
Bedding :	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Thickness : 1,0 mm	
Armour :	SWA, Galvanized steel round wires Thickness : 0,9 mm	
Outer sheath :	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Color : Black (or to be agreed) Thickness : 1,8 mm Overall diameter : 23 mm Total weight : 1080 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%