

POWER CABLE
Cu, XLPE insulated, PVC bedding, CWB, PVC outer sheath
IEC60332.3, IEC60502

Type	Cu/XLPE/PVC/CWB/PVC 0,6/1Kv FE4OH2R 0,6/1Kv	8G 2,5sqmm
Conductor :	Flexible plain copper conductor according to IEC60228 cl.5 size 2,5sqmm (48x0,25) 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	
Screen :	CWB plain copper wire braid Thickness : 0,20 mm	
Outer sheath :	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Color : Black (or to be agreed) Thickness : 1,8 mm Overall diameter : 18 mm Total weight : 660 Kg/Km	
Marking :	On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.	
Performance :	- Conductor resistance 7,98 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 10 V. D. - Hydrocarbon resistant	

Weight and diameter are theoretical + / - 10%