

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

Type	F-Cu/EPR/PVC/SWB/PVC 0,6/1Kv FG7ORAR 0,6/1Kv	3G 2,5sqmm
Conductor :	Flexible plain copper conductor according to IEC60228 cl.5 size 2,5sqmm (48x0,25) Diam. 2 mm	
Insulation :	Cross-linked HEPR extruded compound Thickness : 0,7 mm	- Temperature range -20 + 90°C - Temperature laying -5 + 90°C
Laying up :	Twisted to core, color Y/G - Blue - Brown (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 : 1,8 mm Overall diameter : 14,5 mm Total weight : 340 Kg/Km	
Marking :	On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.	
Performance :	<ul style="list-style-type: none">- 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 \leq 22%- Minimum bending radius 10 V. D.- Hydrocarbon resistant- Cable for intrinsically safe or explosion proof application- Inductance \leq 0,90 mH/Km- Capacitance \leq 0,250 microF/Km- This cable is suitable to be used in ATEX area following the EN60079-14 prescription	

Weight and diameter are theoretical + / - 10%