

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

Type	F-Cu/EPR/PVC/SWA/PVC 0,6/1Kv	4G 6sqmm
	FG7ORFR 0,6/1Kv	
Conductor :	Flexible plain copper conductor according to IEC60228 cl.5 size 6sqmm Diam. 3 mm	
Insulation :	Cross-linked HEPR extruded compound	- Temperature range -20 + 90°C
	Thickness : 0,7 mm	- Temperature laying -5 + 90°C
Laying up :	Twisted to core, color Y/G - Brown - Black - Grey (or to be agreed)	
Bedding :	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Thickness : 1,0 mm Under armor diam. : 14 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 : 19 mm Total weight : 720 Kg/Km	
Marking :	On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.	
Performance :	- Conductor resistance 3,3 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 UV resistant	

Weight and diameter are theoretical + / - 10%