

**POWER CABLE
Cu, EPR insulated, PVC bedding, SWA, PVC outer sheath
IEC60332.3, CEI20-22/2**

Type	F-Cu/EPR/PVC/SWA/PVC 0,6/1Kv FG7ORFR 0,6/1Kv	3x120 + 1G 70sqmm
Conductor :	Flexible red copper conductor according to IEC60228 cl.5 size Diam. 14,5 mm	120sqmm (Y/G 70sqmm)
Insulation :	Cross-linked HEPR extruded compound Thickness : 1,2 mm	- Temperature range -20 + 90°C - Temperature laying -5 + 90°C
Laying up :	Twisted to core, color Y/G - Brown - Black - Grey	

Overall screen

Bedding :	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Thickness : 1,8 mm
Armor :	SWA Galvanized steel round wires with an open helix of galvanized steel tape over the wire Thickness : 0,9 mm
Outer sheath :	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Color : Black (or to be agreed) Thickness : 2,0 mm Overall diameter : 54 mm Total weight : 6200 Kg/Km

Marking :

On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.

Performance :	- Conductor resistance 0,161 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 12 V. D.
	- Hydrocarbon resistant

Weight and diameter are theoretical + / - 10%