

POWER CABLE
Cu, EPR insulated, PVC bedding, SWA, PVC outer sheath
IEC60332.3-24, CEI20-22/2

Type	F-Cu/EPR/PVC/SWB/PVC 0,6/1Kv	4X 4sqmm
	FG7ORAR 0,6/1Kv	
Conductor :	Flexible plain copper conductor according to IEC60228 cl.5 size 4sqmm (56x0,30) Diam. 2,5 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 Blue - Brown - Black - Grey (or to be agreed)	

Bedding :	PVC, Polyvinylchloride Low Smoke and Fume extruded compound	
	Thickness : 1,0 mm	
	Under armor diam. : 12 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 : 16,4 mm	
	Total weight : 550 Kg/Km	

Marking :

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

Performance :	- Conductor resistance	4,95 ohm/Km	(+ 5% for multipair)
	- Test voltage core to core	3,5 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	12 V. D.	
	- Hydrocarbon UV resistant		

Weight and diameter are theoretical + / - 10%