

POWER CABLE
Cu, FR-EPR insulated, CWB, PVC bedding, SWB, PVC outer sheath
IEC60332.3-24

Type	F-Cu/FR-EPR/CWB/PVC/SWB/PVC 0,6/1Kv	3X 6sqmm
	FG16OH2R16AR16 0,6/1Kv	
Conductor :	Flexible plain copper conductor according to IEC60228 cl.5 size 6sqmm (80x0,30) Diam. 3 mm	
Insulation :	Cross-linked G16 extruded compound	- Temperature range -20 + 90°C
	Thickness : 0,7 mm	- Temperature laying -5 + 90°C
Laying up :	Twisted to core, color Brown - Black - Grey (or to be agreed)	
Overall screen	Applied over total assembly will be wrapped with polyester tape and shielded with plain Copper braid	
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 : Black (or to be agreed)	
	Thickness : 2,0 mm	
	Overall diameter : 20 mm	
	Total weight : 570 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 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 <= 22%	
	Minimum bending radius 12	V. D.
	- Hydrocarbon resistant	

Weight and diameter are theoretical + / - 10%