

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

Type	F-Cu/EPR/PVC/SWB/PVC 0,6/1Kv FG7ORAR 0,6/1Kv	5G 16sqmm
Conductor :	Flexible red copper conductor according to IEC60228 cl.5 size 16sqmm (7X18X0,40) Diam. 5,2 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 - Black - Grey	

Overall screen

Bedding :	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Thickness : 1,0 mm	
Armor :	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 : 29 mm Total weight : 1770 Kg/Km	

Marking :

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

Performance :	- Conductor resistance 1,21 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 10 V. D. - Hydrocarbon resistant	
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Weight and diameter are theoretical + / - 10%