

**POWER CABLE**  
**Cu, EPR insulated, Cu overall screen, PVC bedding, SWB, PVC outer sheath**  
**IEC60332.3**

---

<b>Type</b>	<b>F-Cu/EPR/OS/PVC/SWB/PVC 0,6/1Kv FG7OHRAR 0,6/1Kv</b>	<b>2X 10sqmm</b>
<b>Conductor :</b>	Stranded red copper conductor according to IEC60228 cl.2 size 10sqmm Diam. 4,1 mm	
<b>Insulation :</b>	Cross-linked HEPR extruded compound Thickness : 0,7 mm	- Temperature range -20 + 90°C - Temperature laying -5 + 90°C
<b>Laying up :</b>	Twisted to core, color Blue - Brown ( or to be agreed )	
<b>Overall screen</b>	PET tape over the cores, CWB red copper wire braid 0	
<b>Bedding :</b>	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Thickness : 1,0 mm	
<b>Armor :</b>	SWB, Galvanized steel braid wires Thickness : 0,3 mm	
<b>Outer sheath :</b>	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Color : Black ( or to be agreed ) Thickness : 1,6 mm Overall diameter : 22,5 mm Total weight : 880 Kg/Km	
<b>Marking :</b>	On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.	
<b>Performance :</b>	- Conductor resistance 1,91 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%**