

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

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<b>Type</b>	<b>F-Cu/EPR/PVC/SWB/PVC 0,6/1Kv</b>	<b>4G 4sqmm</b>
	<b>FG7ORAR 0,6/1Kv</b>	
<b>Conductor :</b>	Flexible plain copper conductor according to IEC60228 cl.5 size 4sqmm Diam.                    2,5 mm	
<b>Insulation :</b>	Cross-linked HEPR extruded compound	- Temperature range -20 + 90°C
	Thickness :                    0,7 mm	- Temperature laying -5 + 90°C
<b>Laying up :</b>	Twisted to pair, color Y/G - Brown - Black - Grey ( or to be agreed )	

**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 :                    1,8 mm  
Overall diameter :            16 mm  
Total weight :                    520 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            4 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

  

- Inductance  $\leq$             0,90 mH/Km
- Capacitance  $\leq$             0,250 microF/Km

**Weight and diameter are theoretical + / - 10%**