

**POWER CABLE**  
**Cu, XLPE insulated, PVC bedding, SWA, PVC outer sheath**  
**IEC60332.3, IEC60502**

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<b>Type</b>	<b>F-Cu/XLPE/PVC/SWA/PVC 0,6/1Kv</b> <b>FE4ORFR 0,6/1Kv</b>	<b>3G 4sqmm</b>
<b>Conductor :</b>	Flexible plain copper conductor according to IEC60228 cl.5 size 4sqmm ( 56x0,30 ) Diam. 2,5 mm	
<b>Insulation :</b>	Cross-linked XLPE extruded compound Thickness : 0,7 mm	- Temperature range -20 + 90°C - Temperature laying -5 + 90°C
<b>Laying up :</b>	Twisted to core, color Y/G - Brown - Blue ( or to be agreed )	
<b>Bedding :</b>	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Thickness : 1,2 mm	
<b>Armour :</b>	SWA, Galvanized steel round wires Thickness : 0,9 mm	
<b>Outer sheath :</b>	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Color : Black ( or to be agreed ) Thickness : 1,8 mm Overall diameter : 16 mm Total weight : 450 Kg/Km	
<b>Marking :</b>	On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.	
<b>Performance :</b>	<ul style="list-style-type: none"><li>- Conductor resistance 4,95 ohm/Km ( + 5% for multipair )</li><li>- Test voltage core to core 3,5 Kv</li><li>- Flame retardant according to IEC60332-3-24, CEI20-22/3</li><li>- Low smoke and fume as per IEC60754-1, CEI20-37</li><li>- HCL emission &lt;= 22%</li><li>- Minimum bending radius 12 V. D.</li><li>- Hydrocarbon resistant</li></ul>	

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