

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

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<b>Type</b>	<b>Ft-Cu/XLPE/PVC/SWA/PVC 0,6/1Kv</b>	<b>2X 2,5sqmm</b>
	<b>FE4ORFR 0,6/1Kv</b>	
<b>Conductor :</b>	Stranded tinned copper conductor acc. to IEC60228 cl.2 size	2,5sqmm ( 7x0,67 )
	Diam. 2 mm	
<b>Insulation :</b>	Cross-linked XLPE extruded compound	- Temperature range -20 + 90°C
	Thickness : 0,7 mm	- Temperature laying -5 + 90°C
<b>Laying up :</b>	Twisted to pair, color Blue - Black ( or to be agreed )	

**Bedding :** PVC, Polyvinylchloride Low Smoke and Fume extruded compound  
Thickness : 1,0 mm

**Armour :** SWA, Galvanized steel round wires  
Thickness : 0,9 mm

**Outer sheath :** PVC, Polyvinylchloride Low Smoke and Fume extruded compound  
Color : Black ( or to be agreed )  
Thickness : 1,6 mm  
Overall diameter : 14 mm  
Total weight : 330 Kg/Km

**Marking :**

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

**Performance :**

- Conductor resistance 8,21 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  $\leq$  17%
- Minimum bending radius 14 V. D.
- Hydrocarbon resistant
  
- Inductance  $\leq$  0,90 mH/Km
- Capacitance  $\leq$  0,250 microF/Km

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