

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

---

<b>Type</b>	<b>F-Cu/XLPE/PVC/SWA/PVC 0,6/1Kv FE4ORFR 0,6/1Kv</b>	<b>4X 6sqmm</b>
<b>Conductor :</b>	Flexible red copper conductor according to IEC60228 cl.5 size 6sqmm (80x0,30) Diam. 3 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 Red - Yellow - Blue - Green	

**Overall screen**

<b>Bedding :</b>	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Thickness : 1,0 mm
<b>Armor :</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 : 2,0 mm Overall diameter : 20 mm Total weight : 740 Kg/Km

**Marking :**

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

<b>Performance :</b>	- Conductor resistance 3,3 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%**