

**POWER CABLE**  
**Cu, FR-XLPE insulated, PVC bedding, SWA, PVC outer sheath**  
**IEC60332.3-22 A, Gen to IEC60502**

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<b>Type</b>	<b>R-Cu/FR-XLPE/PVC/SWA/PVC 0,6/1Kv</b>	<b>3G 2,5sqmm</b>
	<b>RE4ORFR 0,6/1Kv</b>	
<b>Conductor :</b>	Stranded plain copper conductor according to IEC60228 cl.2 size 2,5sqmm ( 7x0,67 )	
	Diam.	2 mm
<b>Insulation :</b>	Cross-linked FR-XLPE extruded compound	- Temperature range -20 + 90°C
	Thickness :	0,7 mm - Temperature laying -5 + 90°C
<b>Laying up :</b>	Twisted to core, color Y/G - Black - Red ( or to be agreed )	
<b>Bedding :</b>	PVC, Polyvinylchloride Low Smoke and Fume extruded compound	
	Thickness :	1,0 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 :	14,5 mm
	Total weight :	360 Kg/Km
<b>Marking :</b>	On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.	
<b>Performance :</b>	- Conductor resistance 7,41 ohm/Km ( + 5% for multipair )	
	- Test voltage core to core 3,5 Kv	
	- Flame retardant according to IEC60332-3-22, CEI20-22/2	
	- Low smoke and fume as per IEC60754-1, CEI20-37	
	- HCL emission $\leq$ 17%	
	Minimum bending radius	14 V. D.
	- Hydrocarbon and UV resistant	

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