

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

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<b>Type</b>	<b>R-Cu/FR-XLPE/PVC 0,6/1Kv</b> <b>RE4OR 0,6/1Kv</b>	<b>3G 2,5sqmm</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 Thickness :                      0,7 mm	- Temperature range -20 + 90°C - Temperature laying -5 + 90°C
<b>Laying up :</b>	Twisted to core, color Y/G - Black - Red ( or to be agreed )	

<b>Outer sheath :</b>	PVC, Polyvinylchloride Low Smoke and Fume extruded compound	
Color :	Black ( or to be agreed )	
Thickness :	1,8 mm	
Overall diameter :	10,8 mm	
Total weight :	190 Kg/Km	

**Marking :**

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%**