

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

---

<b>Type</b>	<b>R-Cu/XLPE/PVC/SWB/PVC 0,6/1Kv RE40RAR 0,6/1Kv</b>	<b>5X 1,5sqmm</b>
<b>Conductor :</b>	Stranded plain copper conductor according to IEC60228 cl.2 size 1,5sqmm ( 7x0,53 ) Diam. 1,55 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 White numbered in black	

**Overall screen**

<b>Bedding :</b>	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Thickness : 1,0 mm	
<b>Armor :</b>	SWB, Galvanized steel braid wires Thickness : 0,3 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 : 15 mm Total weight : 410 Kg/Km	

**Marking :**

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

<b>Performance :</b>	- Conductor resistance	12,1 ohm/Km	( + 5% for multipair )
	- Test voltage core to core	3,5 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 and UV resistant		

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