

**POWER CABLE**  
**Cu, XLPE insulated, PVC outer sheath**  
**IEC60332.1, IEC60332.3-24**

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<b>Type</b>	<b>R-Cu/XLPE/PVC 0,6/1Kv</b> <b>RE4OR 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 XLPE extruded compound	- Temperature range -20 + 90°C
	Thickness :                      0,7      mm	- Temperature laying -5 + 90°C
<b>Laying up :</b>	Twisted to core, Brown - Black - Grey, Blue - Brown - Black - Grey, Black numbered ( or to be agreed )	

**Outer sheath :**      PVC, Polyvinylchloride Low Smoke and Fume extruded compound  
Color :                      Black ( or to be agreed )

**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 IEC60332-3-24, CEI20-22/3		
	- Low smoke and fume as per IEC60754-1, CEI20-37		
	- HCL emission </= 17%		
	- Hydrocarbon and UV resistant		
	- Inductance </=	mH/Km	
	- Capacitance </=	microF/Km	

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**Technical data & Electrical properties at 20°C**

DESCRIPTION	Sheath thickness	Ext.Dia m mm	W. Kg/Km	Armour Diam.	Bending radius
R-Cu/XLPE/PVC 0,6/1Kv 3X2,5	1,8	10,8	190		86
R-Cu/XLPE/PVC 0,6/1Kv 4X2,5	1,8	11,8	240		94
R-Cu/XLPE/PVC 0,6/1Kv 7X2,5	1,8	14	380		112
R-Cu/XLPE/PVC 0,6/1Kv 12X2,5	2	18	590		144

Weight and diameter are theoretical +/- 10%