

**POWER CABLE  
Cu, XLPE insulated, LSZH outer sheath  
IEC60332.3, IEC60754, IEC61034**

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<b>Type</b>	<b>R-Cu/XLPE/LSZH 0,6/1Kv RE40M1 0,6/1Kv</b>	<b>4G 4sqmm</b>
<b>Conductor :</b>	Stranded red copper conductor according to IEC60228 cl.2 size 4sqmm (7x0,85) Diam. 2,5 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 Y/G - Brown - Black - Grey	

**Overall screen****Bedding :**

Thickness : mm

**Armor :**

Thickness : mm

**Outer sheath :** SHF1 , Low Smoke Zero Halogen emission extruded compound  
Color : Black ( or to be agreed )  
Thickness : 1,6 mm  
Overall diameter : 14 mm  
Total weight : 330 Kg/Km

**Marking :**

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

**Performance :**

- Conductor resistance 4,61 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 halogen free as per IEC60754-2, CEI20-37/2
- Low smoke density emission IEC61034-1/2
- Minimum bending radius 12 V. D.
- Hydrocarbon and UV resistant

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