

**POWER CABLE**  
**Cu, XLPE insulated, LSZH bedding, SWA, LSZH outer sheath**  
**IEC60332.3, IEC60502**

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<b>Type</b>	<b>R-Cu/XLPE/LSZH/SWA/LSZH 0,6/1Kv</b> <b>RE4OM1FM1 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 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 - Blue - Black ( or to be agreed )	

**Bedding :** M1, Low Smoke Zero Halogen emission extruded compound  
Thickness : 1,0 mm

**Armour :** SWA, Galvanized steel round wires  
Thickness : 0,9 mm

**Outer sheath :** M1, Low Smoke Zero Halogen emission extruded compound  
Color : Black ( or to be agreed )  
Thickness : 1,8 mm  
Overall diameter : 15 mm  
Total weight : 340 Kg/Km

**Marking :**

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

**Performance :**

- 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 halogen free as per IEC60754-2, CEI20-37/2
- Low smoke density emission IEC61034-1/2
- Minimum bending radius 14 V. D.
- Hydrocarbon and UV resistant
  
- Inductance  $\leq$  0,90 mH/Km
- Capacitance  $\leq$  0,250 microF/Km

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