

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

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<b>Type</b>	<b>R-Cu/XLPE/LSZH/SWB/LSZH 0,6/1Kv</b>	<b>4X 1,5sqmm</b>
	<b>RE4OM1AM1 0,6/1Kv</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	- Temperature range -40 + 90°C
	Thickness : 0,7 mm	- Temperature laying -5 + 90°C
<b>Laying up :</b>	Twisted to core, color Red - Green - Yellow - Blue ( or to be agreed )	
<b>Bedding :</b>	M1, Low Smoke Zero Halogen emission extruded compound	
	Thickness : 1,0 mm	
<b>Armour :</b>	SWB, Galvanized steel braid wires	
	Thickness : 0,3 mm	
<b>Outer sheath :</b>	M1, Low Smoke Zero Halogen emission extruded compound	
	Color : Orange ( or to be agreed )	
	Thickness : 1,6 mm	
	Overall diameter : 13,6 mm	
	Total weight : 350 Kg/Km	
<b>Marking :</b>	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 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 14 V. D.	
	- Hydrocarbon and UV resistant	

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