

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

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<b>Type</b>	<b>R-Cu/XLPE/LSZH/SWA/LSZH 0,6/1Kv RE40M1FM1 0,6/1Kv</b>	<b>5G 2,5sqmm</b>
<b>Conductor :</b>	Stranded red 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 - Brown - Black - Grey	

**Overall screen**

<b>Bedding :</b>	SHF1 , Low Smoke Zero Halogen emission extruded compound Thickness : 1,0 mm	
<b>Armor :</b>	SWA, Galvanized steel round wires Thickness : 0,9 mm	
<b>Outer sheath :</b>	SHF1 , Low Smoke Zero Halogen emission extruded compound Color : Black ( or to be agreed ) Thickness : 1,6 mm Overall diameter : 18 mm Total weight : 540 Kg/Km	

**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	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	10 V. D.	
	- Hydrocarbon and UV resistant		

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