

**POWER CABLE  
Cu, XLPE insulated, LSZH bedding, SWA, LSZH outer sheath  
IEC60332.3, BS6724**

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<b>Type</b>	<b>R-Cu/XLPE/LSZH/SWA/LSZH 0,6/1Kv RE40M1FM1 0,6/1Kv</b>	<b>3G 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 - Blue - Brown	

**Overall screen**

<b>Bedding :</b>	M1, 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>	M1, Low Smoke Zero Halogen emission extruded compound Color : Black ( or to be agreed ) Thickness : 1,6 mm Overall diameter : 16,4 mm Total weight : 490 Kg/Km

**Marking :**

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

<b>Performance :</b>	- 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 resistant
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**Weight and diameter are theoretical +/- 10%**