

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

Type	R-Cu/XLPE/LSZH 0,6/1Kv RE40M1 0,6/1Kv	5G 6sqmm
Conductor :	Stranded red copper conductor according to IEC60228 cl.2 size 6sqmm (7x1,05) Diam. 3 mm	
Insulation :	Cross-linked XLPE extruded compound Thickness : 0,7 mm	- Temperature range -20 + 90°C - Temperature laying -5 + 90°C
Laying up :	Twisted to core, color Y/G - Blue - 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 :	2,0 mm
	Overall diameter :	17 mm
	Total weight :	520 Kg/Km

Marking :

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

Performance :	- Conductor resistance	3,08 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%