

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

Type	R-Cu/XLPE/LSZH 0,6/1Kv RE4OM1 0,6/1Kv	4G 2,5sqmm
Conductor :	Stranded plain copper conductor according to IEC60228 cl.2 size 2,5sqmm (7x0,67) Diam. 2 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 - Brown - Black - Grey (or to be agreed)	

Outer sheath :	M1, Low Smoke Zero Halogen emission extruded compound	
Color :	Black (or to be agreed)	
Thickness :	1,8 mm	
Overall diameter :	12 mm	
Total weight :	240 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 </=	0,90 mH/Km	
	- Capacitance </=	0,250 microF/Km	

Weight and diameter are theoretical + / - 10%