

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

Type	R-Cu/XLPE/LSZH/SWA/LSZH 0,6/1Kv RE4OM1FM1 0,6/1Kv	3X 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 - Blue - Brown (or to be agreed)	

Bedding : M1, Low Smoke Zero Halogen emission extruded compound
Thickness : 1,0 mm

Armour : SWA, Galvanized steel round wires
Thickness : 0,9 mm

Outer sheath : M1, Low Smoke Zero Halogen emission extruded compound
Color : Black (or to be agreed)
Thickness : 1,6 mm
Overall diameter : 14,8 mm
Total weight : 340 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 \leq 0,90 mH/Km
- Capacitance \leq 0,250 microF/Km

Weight and diameter are theoretical + / - 10%