

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

Type	R-Cu/XLPE/PVC/SWA/PVC 0,6/1Kv	3G 6sqmm
	RE4ORFR 0,6/1Kv	
Conductor :	Stranded plain copper conductor according to IEC60228 cl.2 size 6sqmm (7x1,05)	
	Diam.	3 mm
Insulation :	Cross-linked XLPE extruded compound	- Temperature range -20 + 90°C
	Thickness :	0,7 mm - Temperature laying -5 + 90°C
Laying up :	Twisted to core, color Y/G - Brown - Blue (or to be agreed)	

Bedding : PVC, Polyvinylchloride Low Smoke and Fume extruded compound

Thickness : 1,0 mm

Armour : SWA, Galvanized steel round wires

Thickness : 0,9 mm

Outer sheath : PVC, Polyvinylchloride Low Smoke and Fume extruded compound

Color : Black (or to be agreed)

Thickness : 1,8 mm

Overall diameter : 18 mm

Total weight : 590 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 3,5 Kv

- Flame retardant according to IEC60332-3-24, CEI20-22/3

- Low smoke and fume as per IEC60754-1, CEI20-37

- HCL emission \leq 22%

- 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%