

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

Type	R-Cu/XLPE/PVC/SWA/PVC 0,6/1Kv RE4ORFR 0,6/1Kv	3G 4sqmm
Conductor :	Strandrd plain copper conductor according to IEC60228 cl.2 sizε 4sqmm (7x0,85) Diam. 2,5 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)	

Overall screen

Bedding :	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Thickness : 1,0 mm Under armor diam. : 11 mm	
Armor :	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 : 16 mm Total weight : 490 Kg/Km	

Marking :

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

Performance :	- Conductor resistance 4,61 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 < /= 22% - Minimum bending radius 12 V. D. - Hydrocarbon and UV resistant	
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Weight and diameter are theoretical + / - 10%