

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

Type	F-Cu/XLPE/PVC/SWB/PVC 0,6/1Kv FE4ORAR 0,6/1Kv	3G 2,5sqmm
Conductor :	Flexible red copper conductor according to IEC60228 cl.5 size Diam. 2 mm	2,5sqmm (48x0,25)
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	

Overall screen

Bedding :	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Thickness : 1,0 mm under arm. diameter : 10 mm
Armor :	SWB, Galvanized steel braid wires Thickness : 0,3 mm
Outer sheath :	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Color : Black (or to be agreed) Thickness : 1,8 mm Overall diameter : 14,4 mm Total weight : 340 Kg/Km

Marking :

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

Performance :	- Conductor resistance 7,98 ohm/Km (+ 5% for multipair)
	- Test voltage core to core 3,5 Kv
	- Flame retardant according to IEC60332-3-22, CEI20-22/2
	- Low smoke and fume as per IEC60754-1, CEI20-37
	- HCL emission <= 22%
	- Minimum bending radius 12 V. D.
	- Hydrocarbon and UV resistant

Weight and diameter are theoretical + / - 10%