

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

Type	Ft-Cu/XLPE/PVC 0,6/1Kv FE4OR 0,6/1Kv	5G 2,5sqmm
Conductor :	Stranded tinned copper conductor acc. to IEC60228 cl.2 size Diam. 2 mm	2,5sqmm (7x0,67)
Insulation :	Cross-linked XLPE extruded compound Thickness : 0,7 mm	- Temperature range -20 + 90°C - Temperature laying -5 + 90°C
Laying up :	Twisted to pair, color Blue - Brown - Black - Grey - Y/G (or to be agreed)	

Outer sheath :	PVC, Polyvinylchloride Low Smoke and Fume extruded compound	
Color :	Black (or to be agreed)	
Thickness :	1,8 mm	
Overall diameter :	13 mm	
Total weight :	300 Kg/Km	

Marking :

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

Performance :	- Conductor resistance	8,21 ohm/Km	(+ 5% for multipair)
	- Test voltage core to core	4 Kv	
	- Flame retardant according to IEC60332-3-24, CEI20-22/3		
	- Low smoke and fume as per IEC60754-1, CEI20-37		
	- HCL emission \leq 17%		
	- Minimum bending radius	8 V. D.	
	- Hydrocarbon resistant		
	- Inductance \leq	0,90 mH/Km	
	- Capacitance \leq	0,250 microF/Km	

Weight and diameter are theoretical + / - 10%