

POWER CABLE
Cu, FR-XLPE insulated, PVC outer sheath
IEC60332.3-22 A, Gen to IEC60502

Type	R-Cu/FR-XLPE/PVC 0,6/1Kv RE4OR 0,6/1Kv	2X 1sqmm
Conductor :	Stranded plain copper conductor according to IEC60228 cl.2 size 1sqmm (7x0,43) Diam. 1,3 mm	
Insulation :	Cross-linked FR-XLPE extruded compound Thickness : 0,7 mm	- Temperature range -20 + 90°C - Temperature laying -5 + 90°C
Laying up :	Twisted to pair, color White - Black (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 :	8,4 mm	
Total weight :	100 Kg/Km	

Marking :

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

Performance :	- Conductor resistance	18,1 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 \leq 17%		
	- Minimum bending radius	8 V. D.	
	- Hydrocarbon and UV resistant		

Weight and diameter are theoretical + / - 10%