

POWER CABLE
Cu, PVC insulated, PVC bedding, SWB, PVC outer sheath
IEC60332.3-24, IEC60502 PQA

Type	R-Cu/PVC/PVC/SWB/PVC 0,6/1Kv RR2ORAR 0,6/1Kv	7X 2,5sqmm
Conductor :	Stranded plain copper conductor according to IEC60228 cl.2 size 2,5sqmm (7x0,67) Diam. 2 mm	
Insulation :	PVC extruded compound Thickness : 0,9 mm	- Temperature range -15 + 70°C - Temperature laying -5 + 70°C
Laying up :	Twisted to core, color White numbered in Black (or to be agreed)	

Bedding :	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Thickness : 1,0 mm Under armor diam : 14,2 mm	
Armour :	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 : 2,0 mm Overall diameter : 18,6 mm Total weight : 260 Kg/Km	
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Marking :

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

Performance :	- Conductor resistance	7,41 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	0,200 microF/Km	

Weight and diameter are theoretical + / - 10%