

**POWER CABLE
Cu, PVC insulated, PVC outer sheath
IEC60332.3, HT 105°C**

Type	R-Cu/PVC/PVC 0,6/1Kv RR3OR 0,6/1Kv	2X 6sqmm
Conductor :	Stranded plain copper conductor according to IEC60228 cl.2 size 6sqmm (7x1,05) Diam. 3 mm	
Insulation :	PVC extruded compound Thickness : 1 mm	- Temperature range -15 + 105°C - Temperature laying -5 + 70°C
Laying up :	Twisted to core, color Brown - Blue	

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 :	300 Kg/Km	

Marking :

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

Performance :	- Conductor resistance	3,08 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	12 V. D.	
	- Hydrocarbon resistant		
	- This cables are suitable for fixed installation in damp locations, in open spaces and for underground laying		

Weight and diameter are theoretical +/- 10%