

POWER CABLE
Tinned Cu, PVC insulated, overall screen, PVC outer sheath
IEC60332.3-24

Type	R(t)-Cu/PVC/OS/PVC 0,6/1Kv RR2OHR 0,6/1Kv	4G 1,5sqmm
Conductor :	Stranded tinned copper conductor acc. to IEC60228 cl.2 size Diam. 1,55 mm	1,5sqmm (7x0,53)
Insulation :	PVC extruded compound Thickness : 0,8 mm	- Temperature range -15 + 70°C - Temperature laying -5 + 70°C
Laying up :	Twisted to core, color Black numbered (or to be agreed)	
Overall screen	Applied over total assembly will be wrapped with polyester tape and shielded with Aluminum/Mylar tape 100% coverage and 25% overlap with metal side in contact with a tinned copper drain wire 7x0,30 size 0,5sqmm.	
Outer sheath :	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Color : Black (or to be agreed) Thickness : 1,8 mm Overall diameter : 10,4 mm Total weight : 180 Kg/Km	
Marking :	On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.	
Performance :	<ul style="list-style-type: none">- Conductor resistance 13,7 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 <= 22%- Minimum bending radius 8 V. D.- Hydrocarbon UV resistant - Inductance <= 0,90 mH/Km- Capacitance <= 0,250 microF/Km	

Weight and diameter are theoretical + / - 10%