

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

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<b>Type</b>	<b>R-Cu/PVC/OS/PVC 0,6/1Kv</b> <b>RR3XOHR 0,6/1Kv</b>	<b>2X 1,5sqmm</b>
<b>Conductor :</b>	Stranded plain copper conductor according to IEC60228 cl.2 size 1,5sqmm ( 7x0,53 ) Diam. 1,55 mm	
<b>Insulation :</b>	PVC extruded compound Thickness : 0,7 mm	- Temperature range -15 + 105°C - Temperature laying -5 + 70°C
<b>Laying up :</b>	Twisted to pair, color White - Black	
<b>Overall screen</b>	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.	
<b>Outer sheath :</b>	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Color : Black ( or to be agreed ) Thickness : 1,8 mm Overall diameter : 9,2 mm Total weight : 120 Kg/Km	
<b>Marking :</b>	On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.	
<b>Performance :</b>	<ul style="list-style-type: none"><li>- Conductor resistance 12,1 ohm/Km ( + 5% for multipair )</li><li>- Test voltage core to core 3,5 Kv</li><li>- Flame retardant according to IEC60332-3-24, CEI20-22/3</li><li>- Low smoke and fume as per IEC60754-1, CEI20-37</li><li>- HCL emission <math>\leq</math> 22%</li><li>- Minimum bending radius 12 V. D.</li><li>- Hydrocarbon resistant</li><li>- This cables are suitable for fixed installation in damp locations, in open spaces and for underground laying</li></ul>	

**Weight and diameter are theoretical +/- 10%**