

**POWER CABLE**  
**Cu, PVC insulated, Copper tape screen, PVC bedding, STA, PVC outer sheath**  
**IEC60332.3**

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<b>Type</b>	<b>F-Cu/PVC/CTS/PVC/STA/PVC 0,6/1Kv</b>	<b>3G 2,5sqmm</b>
	<b>FR2OH1RNR 0,6/1Kv</b>	
<b>Conductor :</b>	Flexible red copper conductor according to IEC60228 cl.5 size 2,5sqmm ( 48x0,25 ) Diam. 2 mm	
<b>Insulation :</b>	PVC extruded compound	- Temperature range -15 + 70°C
	Thickness : 0,9 mm	- Temperature laying -5 + 70°C
<b>Laying up :</b>	Twisted to core, color Y/G - Black - Blue	
<b>Overall screen</b>	Over the multipair will be shielded with copper/mylar tape, with tinned copper drain wire 7x0,30 placed between the copper/mylar tape and further mylar tape.	
<b>Bedding :</b>	PVC, Polyvinylchloride Low Smoke and Fume extruded compound	
	Thickness : 1,0 mm	
<b>Armor :</b>	STA, Double galvanized steel tape	
	Thickness : 0,25 mm	
<b>Outer sheath :</b>	PVC, Polyvinylchloride Low Smoke and Fume extruded compound	
	Color : Black ( or to be agreed )	
	Thickness : 1,6 mm	
	Overall diameter : 15 mm	
	Total weight : 400 Kg/Km	
<b>Marking :</b>	On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.	
<b>Performance :</b>	- Conductor resistance 7,98 ohm/Km (+ 5% for multipair ) - Test voltage core to core 4 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 12 V. D. - Hydrocarbon resistant	

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