

**POWER CABLE**  
**Cu, PVC insulated, PVC bedding, CTS, PVC outer sheath**  
**IEC60332.3**

---

<b>Type</b>	<b>F-Cu/PVC/PVC/CTS/PVC 0,6/1Kv</b>	<b>2X 1sqmm</b>
	<b>FR2OH1R 0,6/1Kv</b>	
<b>Conductor :</b>	Flexible plain copper conductor according to IEC60228 cl.5 size 1sqmm ( 32x0,20 ) Diam. 1,3 mm	
<b>Insulation :</b>	PVC extruded compound	- Temperature range -15 + 70°C
	Thickness : 0,8 mm	- Temperature laying -5 + 70°C
<b>Laying up :</b>	Twisted to pair, color Blue - Black ( or to be agreed )	
<b>Bedding :</b>	PVC, Polyvinylchloride Low Smoke and Fume extruded compound	
	Thickness : 1,0 mm	
<b>Screen :</b>	CTS Plain copper tape	
	Thickness : 0,2 mm	
<b>Outer sheath :</b>	PVC, Polyvinylchloride Low Smoke and Fume extruded compound	
	Color : Blue ( or to be agreed )	
	Thickness : 1,6 mm	
	Overall diameter : 12 mm	
	Total weight : 220 Kg/Km	
<b>Marking :</b>	On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.	
<b>Performance :</b>	- Conductor resistance 19,5 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%**