

**POWER CABLE**  
**Cu, PVC insulated, overall screen, PVC bedding, SWB, PVC outer sheath**  
**IEC60332.3, CEI20-22/2**

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<b>Type</b>	<b>F-Cu/PVC/OS/PVC/SWB/PVC 450/750V</b>	<b>4G 6sqmm</b>
	<b>FR2OHRAR 450/750V</b>	
<b>Conductor :</b>	Flexible plain copper conductor according to IEC60228 cl.5 size 6sqmm ( 80x0,30 ) Diam. 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 core, color Y/G - Brown - Black - Grey ( or to be agreed )	
<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>Bedding :</b>	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Thickness : 1,0 mm	
<b>Armour :</b>	SWB, Galvanized steel braid wires Thickness : 0,3 mm	
<b>Outer sheath :</b>	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Color : Black ( or to be agreed ) Thickness : 1,8 mm Overall diameter : 19 mm Total weight : 740 Kg/Km	
<b>Marking :</b>	On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.	
<b>Performance :</b>	- Conductor resistance 3,3 ohm/Km ( + 5% for multipair ) - Test voltage core to core 3 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 10 V. D. - Hydrocarbon resistant	

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