

**POWER CABLE**  
**Cu, EPR insulated, PVC bedding, GSWB, PVC outer sheath**  
**IEC60332.3, IEC60502**

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<b>Type</b>	<b>F-Cu/EPR/PVC/GSWB/PVC 0,6/1Kv FG7ORAR 0,6/1Kv</b>	<b>2X 35</b>
<b>Conductor :</b>	Flexible red copper conductor according to IEC60228 cl.5 size Diam.                    7,7 mm	
<b>Insulation :</b>	Cross-linked HEPR extruded compound Thickness :                    0,9 mm	- Temperature range -20 + 90°C - Temperature laying -5 + 90°C
<b>Laying up :</b>	Twisted to core, color Blue - Brown ( or to be agreed )	

**Overall screen**

<b>Bedding :</b>	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Thickness :                    1,0 mm	
<b>Armor :</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 :                    2,0 mm Overall diameter :                    29 mm Total weight :                    1800 Kg/Km	

**Marking :**

On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.

<b>Performance :</b>	- Conductor resistance                    0,554 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 and UV resistant	
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**Weight and diameter are theoretical + / - 10%**