

**INSTRUMENTATION CABLE  
Cu, EPR insulated, PVC bedding, SWB, PVC outer sheath  
IEC60332.3, IEC60502**

---

<b>Type</b>	<b>F-Cu/EPR/PVC/SWB/PVC 0,6/1Kv FG7ORAR 0,6/1Kv</b>	<b>7G 4sqmm</b>
<b>Conductor :</b>	Flexible plain copper conductor according to IEC60228 cl.5 size 4sqmm ( 56x0,30 ) Diam. 2,5 mm	
<b>Insulation :</b>	Cross-linked HEPR extruded compound Thickness : 0,7 mm	- Temperature range -20 + 90°C - Temperature laying -5 + 90°C
<b>Laying up :</b>	Twisted to core, color Red - Yellow - Blue - Grey 1 - Grey 2 - Grey 3 - Y/G	

**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 : Grey ( or to be agreed ) Thickness : 2,0 mm Overall diameter : 19 mm Total weight : 770 Kg/Km

**Marking :**

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

<b>Performance :</b>	- Conductor resistance 4,95 ohm/Km (+ 5% for multipair ) - Test voltage core to core 3,5 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 10 V. D. - Hydrocarbon and UV resistant
----------------------	--

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