

**INSTRUMENTATION CABLE  
Cu, PVC insulated, PVC bedding, SWB, PVC outer sheath  
IEC60332.3, EN50288-7**

---

<b>Type</b>	<b>F-Cu/PVC/PVC/SWB/PVC 0,6/1Kv FR2ORAR 0,6/1Kv</b>	<b>2X 1,5sqmm</b>
<b>Conductor :</b>	Flexible red copper conductor according to IEC60228 cl.5 size 1,5sqmm ( 28x0,25 ) Diam. 1,55 mm	
<b>Insulation :</b>	PVC extruded compound Thickness : 0,8 mm	- Temperature range -15 + 70°C - Temperature laying -5 + 70°C
<b>Laying up :</b>	Twisted to pairs, color Blue - Black ( 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 : 0,30 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 : 12,6 mm Total weight : 260 Kg/Km	

**Marking :**

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

<b>Performance :</b>	- Conductor resistance 13,3 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 10 V. D. - Hydrocarbon resistant	
----------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--

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