

**INSTRUMENTATION CABLE**  
**Cu, PVC insulated, individual and overall screen, PVC bedding, SWA, PVC outer sheath**  
**IEC60332.3, IEC60502**

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<b>Type</b>	<b>R-Cu/PVC/IS/OS/PVC/SWA/PVC 0,6/1Kv RR2XHOHRFR 0,6/1Kv</b>	<b>6X3X 1,5sqmm</b>
<b>Conductor :</b>	Stranded red copper conductor according to IEC60228 cl.2 size 1,5sqmm ( 7x0,53 ) Diam. 1,55 mm	
<b>Insulation :</b>	PVC extruded compound Thickness : 0,8 mm	- Temperature range -15 + 80°C - Temperature laying -5 + 70°C
<b>Laying up :</b>	Twisted to core, color White - Red - Black numbered ( or to be agreed )	
<b>Pair screen</b>	Each pair will be shielded with aluminum/mylar tape, with tinned copper drain wire 7x0,30 placed between the aluminum/mylar tape and further mylar tape.	
<b>Overall screen</b>	Over the multipair will be shielded with aluminum/mylar tape, with tinned copper drain wire 7x0,30 placed between the aluminum/mylar tape and further mylar tape.	
<b>Bedding :</b>	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Thickness : 1,2 mm	
<b>Armor :</b>	SWA, Galvanized steel round wires Thickness : 0,9 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 : 1280 Kg/Km	
<b>Marking :</b>	On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.	
<b>Performance :</b>	- Conductor resistance 12,1 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 12 V. D. - Hydrocarbon and UV resistant	

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