

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

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<b>Type</b>	<b>Cu-Cl5/PVC/PVC 300/500V FR2OR 300/500V</b>	<b>6X 0,5sqmm</b>
<b>Conductor :</b>	Flexible plain copper conductor according to IEC60228 cl.5 size 0,5sqmm ( 16x0,20 ) Diam. 0,9 mm	
<b>Insulation :</b>	PVC extruded compound Thickness : 0,5 mm	- Temperature range -15 + 70°C - Temperature laying -5 + 70°C
<b>Laying up :</b>	Twisted to core, color Black numbered ( or to be agreed )	

<b>Outer sheath :</b>	PVC, Polyvinylchloride Low Smoke and Fume extruded compound	
Color :	Black ( or to be agreed )	
Thickness :	1,2 mm	
Overall diameter :	7,4 mm	
Total weight :	100 Kg/Km	

**Marking :**

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

<b>Performance :</b>	- Conductor resistance	39 ohm/Km	( + 5% for multipair )
	- Test voltage core to core	2 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	8 V. D.	
	- Hydrocarbon resistant		
	- Inductance $\leq$	0,90 mH/Km	
	- Capacitance $\leq$	0,250 microF/Km	

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