

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

---

<b>Type</b>	<b>R-Cu/EPR/OS/PVC/SWA/PVC 0,6/1Kv</b>	<b>2X 1,5sqmm</b>
	<b>RG7OHRFR 0,6/1Kv</b>	
<b>Conductor :</b>	Strandrd red copper conductor according to IEC60228 cl.2 size 1,5sqmm ( 7x0,53 )	
	Diam.	1,55 mm
<b>Insulation :</b>	Cross-linked HEPR extruded compound	- Temperature range -20 + 90°C
	Thickness :	0,7 mm - Temperature laying -5 + 90°C
<b>Laying up :</b>	Twisted to core, color Black - White	
<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/myler tape and further mylar tape.	
<b>Bedding :</b>	PVC, Polyvinylchloride Low Smoke and Fume extruded compound	
	Thickness :	1,0 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 :	1,4 mm
	Overall diameter :	13 mm
	Total weight :	280 Kg/Km
<b>Marking :</b>	On the outhter 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 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 resistant	

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