

**INSTRUMENTATION CABLE  
Cu, XLPE insulated, overall screen, PVC bedding, SWA, PVC outer sheath  
IEC60332.3, EN50288-7**

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<b>Type</b>	<b>R-Cu/XLPE/OS/PVC/SWA/PVC 300/500V RE4XOHRFR 300/500V</b>	<b>24X2X 1,3sqmm</b>
<b>Conductor :</b>	Strandrd red copper conductor according to IEC60228 cl.2 size 1,3sqmm ( 7x0,49 ) Diam. 1,3 mm	
<b>Insulation :</b>	Cross-linked XLPE extruded compound Thickness : 0,6 mm	- Temperature range -20 + 90°C - Temperature laying -5 + 90°C
<b>Laying up :</b>	Twisted to pairs, color White - Black numbered ( or to be agreed )	
<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 : 1,2 mm	
<b>Aarmor :</b>	SWA, Galvanized steel round wires Thickness : 1,25 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 : 37 mm Total weight : 1990 Kg/Km	
<b>Marking :</b>	On the outhter sheath " manufacturer's name year & description cable " with ink-jet printer.	
<b>Performance :</b>	- Conductor resistance 14,8 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 </= 22% - Minimum bending radius 12 V. D. - Hydrocarbon resistant	

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