

**INSTRUMENTATION CABLE****Cu, XLPE insulated, individual and overall screen, PVC bedding, SWA, PVC outer sheath  
IEC60332.1, IEC60332.3, EN50288-7**

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<b>Type</b>	<b>R-Cu/XLPE/IS/OS/PVC/SWA/PVC 300/500V RE4XHOHRFR 300/500V</b>	
<b>Conductor :</b>	Stranded red copper conductor according to IEC60228 cl.2 size 1sqmm (7x0,43) 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>Pair screen</b>	Each pair will be shielded with aluminium/mylar tape, with tinned copper drain wire 7x0,30 placed between the aluminium/mylar tape and further mylar tape.	
<b>Overall screen</b>	Over the multipair will be shielded with aluminium/mylar tape, with tinned copper drain wire 7x0,30 placed between the aluminium/mylar 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	
<b>Outer sheath :</b>	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Color : Black ( or to be agreed )	
<b>Marking :</b>	On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.	
<b>Performance :</b>	- Conductor resistance 18,1 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% - Hydrocarbon and UV resistant	