

**INSTRUMENTATION CABLE  
Cu, XLPE insulated, overall screen, PVC outer sheath  
IEC60332.3**

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<b>Type</b>	<b>F-Cu/XLPE/OS/PVC 0,6/1Kv FE4XOHR 0,6/1Kv</b>	<b>2X2X 0,75sqmm</b>
<b>Conductor :</b>	Flexible red copper conductor according to IEC60228 cl.5 size 0,75sqmm ( 24x0,20 ) Diam. 1,12 mm	
<b>Insulation :</b>	Cross-linked XLPE extruded compound Thickness : 0,7 mm	- Temperature range -20 + 90°C - Temperature laying -5 + 90°C
<b>Laying up :</b>	Twisted to pairs, color Blue - 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/mylar tape and further mylar tape.	
<b>Bedding :</b>	Thickness :	mm
<b>Armor :</b>	Thickness :	mm
<b>Outer sheath :</b>	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Color : Blue ( or to be agreed ) Thickness : 1,4 mm Overall diameter : 9 mm Total weight : 120 Kg/Km	
<b>Marking :</b>	On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.	
<b>Performance :</b>	- Conductor resistance 26 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 8 V. D. - Hydrocarbon resistant	

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