

**INSTRUMENTATION CABLE****Cu, XLPE insulated, individual and overall screen, LSZH bedding, SWA, LSZH outer sheath  
IEC60332.1, IEC60332.3, MAT041**

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<b>Type</b>	<b>F-Cu/XLPE/IS/OS/LSZH/SWA/LSZH 0,6/1Kv FE4XHOHM1FM1 0,6/1Kv</b>	
<b>Conductor :</b>	Flexible red copper conductor according to IEC60228 cl.5 size 0,5sqmm ( 16x0,20 ) Diam. 0,9 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 pair, color Blue - 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>	M1, Low Smoke Zero Halogen emission extruded compound Thickness : 1,0 mm	
<b>Armor :</b>	SWA Galvanized steel round wires with an open helix of galvanized steel tape over the wire	
<b>Outer sheath :</b>	M1, Low Smoke Zero Halogen emission extruded compound Color : Blue ( 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 39 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 halogen free as per IEC60754-2, CEI20-37/2 - Low smoke density emission IEC61034-1/2 - Hydrocarbon and UV resistant	