

**INSTRUMENTATION CABLE  
Cu, EPR insulated, overall screen, LSZH bedding, SWB, LSZH outer sheath  
IEC60332.3, IEC60754**

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<b>Type</b>	<b>F-Cu/EPR/OS/LSZH/SWB/LSZH 0,6/1Kv FG10OHM1AM1 0,6/1Kv</b>	<b>2X 1,5sqmm</b>
<b>Conductor :</b>	Flexible plain copper conductor according to IEC60228 cl.5 size 1,5sqmm ( 28x0,25 ) Diam. 1,55 mm	
<b>Insulation :</b>	Cross-linked G10 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 ( 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>	M1, Low Smoke Zero Halogen emission extruded compound Thickness : 1,0 mm	
<b>Armor :</b>	SWB, Galvanized steel braid wires Thickness : 0,3 mm	
<b>Outer sheath :</b>	M1, Low Smoke Zero Halogen emission extruded compound Color : Black ( or to be agreed ) Thickness : 1,8 mm Overall diameter : 12,8 mm Total weight : 280 Kg/Km	
<b>Marking :</b>	On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.	
<b>Performance :</b>	- Conductor resistance 13,3 ohm/Km ( + 5% for multipair ) - Test voltage core to core 3,5 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 - Minimum bending radius 12 V. D. - Hydrocarbon and UV resistant	

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