

**INSTRUMENTATION CABLE  
Cu, XLPE insulated, LSZH bedding, SWB, LSZH outer sheath  
IEC60332.3**

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<b>Type</b>	<b>R-Cu/XLPE/LSZH/SWB/LSZH 0,6/1Kv RE4XOM1AM1 0,6/1Kv</b>	<b>12X2X 2,5sqmm</b>
<b>Conductor :</b>	Strandrd red copper conductor according to IEC60228 cl.2 size 2,5sqmm ( 7x0,67 ) Diam. 2 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 White - Black numbered ( or to be agreed )	

**Overall screen**

<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 : Grey ( or to be agreed ) Thickness : 2,0 mm Overall diameter : 32 mm Total weight : 1710 Kg/Km

**Marking :**

On the outhter sheath " manufacturer's name year & description cable " with ink-jet printer.

<b>Performance :</b>	- Conductor resistance 7,41 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 - Minimum bending radius 12 V. D. - Hydrocarbon and UV resistant
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**Weight and diameter are theoretical + / - 10%**