

**FIRE RESISTANT INSTRUMENTATION CABLE**  
**CuMGT, XLPE insulated, overall screen, LSZH bedding, SWB, LSZH outer sheath**  
**IEC60332.3, IEC60754, IEC61034, IEC60331-21**

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<b>Type</b>	<b>Rt-Cu/MGT/XLPE/OS/LSZH/SWB/LSZH 0,6/1Kv</b>	<b>2X 1,5sqmm</b>
	<b>RTE4XOHM1AM1 0,6/1Kv</b>	
<b>Conductor :</b>	Strandrd tinned copper conductor according to IEC60228 cl.2 si: 1,5sqmm ( 7x0,53 ) Diam. 1,55 mm	
<b>Insulation :</b>	Mica tape, Cross-linked XLPE extruded compound	- Temperature range -20 + 90°C
	Thickness : 0,7 mm	- Temperature laying -5 + 90°C
<b>Laying up :</b>	Twisted to pair, Blue - Black ( or to be agreed )	
<b>Pair screen</b>		
<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/myler tape and further myler tape.	
<b>Bedding :</b>	M1, Low Smoke Zero Halogen emission extruded compound	
	Thickness : 1,0 mm	
<b>Armour :</b>	SWB, Galvanized steel braid wires	
	Thickness : 0,3 mm	
<b>Outer sheath :</b>	M1, Low Smoke Zero Halogen emission extruded compound	
	Colour : Black	
	Thickness : 1,8 mm	
	Overall diameter : 14 mm	
	Total weight : 320 Kg/Km	
<b>Marking :</b>	On the outhter sheath " manufacturer's name year & description cable " with ink-jet printer.	
<b>Performance :</b>	- Conductor resistance 12,1 ohm/Km (+ 5% for multipair ) - Test voltage core to core 3,5 Kv - Flame retardant according to IEC60332.3-22, CEI20-22/2 - Low smoke and halogen free as per IEC60754-2, CEI20-37/2 - Fire resistant IEC60331-21 - Minimum bending radius 16 v.d. - Hydrocarbon and UV resistant	

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