

**FIRE RESISTANT INSTRUMENTATION CABLE**  
**CuMGT, XLPE insulated, LSZH bedding, SWA, LSZH outer sheath**  
**IEC60332.3, IEC60754, IEC61034, IEC60331-23**

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<b>Type</b>	<b>R-CuMGT/XLPE/LSZH/SWA/LSZH 300/500V RTE40M1FM1 300/500V</b>	<b>10X 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>	Mica tape, 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, Black numbered ( or to be agreed )	
<b>Pair screen</b>		
<b>Overall screen</b>		
<b>Bedding :</b>	M1, Low Smoke Zero Halogen emission extruded compound Thickness : 1,0 mm	
<b>Armour :</b>	SWA, Galvanized steel round wires Thickness : 0,9 mm	
<b>Outer sheath :</b>	M1, Low Smoke Zero Halogen emission extruded compound Colour : Black ( or to be agreed ) Thickness : 2,0 mm Overall diameter : 25 mm Total weight : 1000 Kg/Km	
<b>Marking :</b>	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 2 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 IEC60331-23 - Minimum bending radius 16 v.d. - Hydrocarbon and UV resistant	