

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

Type	R-CuMGT/XLPE/LSZH/SWA/LSZH 0,6/1Kv RTE4OM1FM1 0,6/1Kv	2X 2,5sqmm
Conductor :	Strandrd plain copper conductor according to IEC60228 cl.2 size 2,5sqmm (7x0,67) Diam. 2 mm	
Insulation :	Mica tape, Cross-linked XLPE extruded compound Thickness : 0,7 mm	- Temperature range -20 + 90°C - Temperature laying -5 + 90°C
Laying up :	Twisted to core, White - Black	
Pair screen		
Overall screen		
Bedding :	M1, Low Smoke Zero Halogen emission extruded compound Thickness : 1,0 mm	
Armour :	SWA, Galvanized steel round wires Thickness : 0,9 mm	
Outer sheath :	M1, Low Smoke Zero Halogen emission extruded compound Colour : Grey Thickness : 1,8 mm Overall diameter : 15,8 mm Total weight : 380 Kg/Km	
Marking :	On the outhter sheath " manufacturer's name year & description cable " with ink-jet printer.	
Performance :	<ul style="list-style-type: none">- Conductor resistance 7,41 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%