

**FIRE RESISTANT INSTRUMENTATION CABLE
CuMGT, EPR insulated, overall screen, LSZH outer sheath
IEC60332.3-22, IEC60754, IEC61034, IEC60331-21**

Type	R-Cu/MGT/EPR/OS/LSZH 300/500V RTG7OHM1 300/500V	2X 1sqmm
Conductor :	Strandrd plain copper conductor according to IEC60228 cl.2 size 1sqmm (7x0,43) Diam. 1,3 mm	
Insulation :	Mica tape, Cross-linked HEPR extruded compound	- Temperature range -20 + 90°C
	Thickness : 0,6 mm	- Temperature laying -5 + 90°C
Laying up :	Twisted to pair, Blue - Black	
Pair screen		
Overall screen	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.	
Bedding :	Thickness : mm	
Armour :	Thickness : mm	
Outer sheath :	M1, Low Smoke Zero Halogen emission extruded compound	
	Colour :	Black
	Thickness :	1,4 mm
	Overall diameter :	10 mm
	Total weight :	120 Kg/Km
Marking :	On the outhter sheath " manufacturer's name year & description cable " with ink-jet printer.	
Performance :	- Conductor resistance 18,1 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 IEC60331-21 - Minimum bending radius 16 v.d.	