

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

Type	F-Cu/MGT/EPR/LSZH 0,6/1Kv FTG100M1 0,6/1Kv	12x 1,5sqmm
Conductor :	Flexible red copper conductor according to IEC60228 cl.5 size Diam. 1,55 mm	1,5sqmm (28x0,25)
Insulation :	Mica tape, Cross-linked G10 extruded compound Thickness : 0,7 mm	- Temperature range -20 + 90°C - Temperature laying -5 + 90°C
Laying up :	Twisted to core, Black numbered (or to be agreed)	
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 (or to be agreed) Thickness : 2,0 mm Overall diameter : 19 mm Total weight : 540 Kg/Km	
Marking :	On the outhter sheath " manufacturer's name year & description cable " with ink-jet printer.	
Performance :	- Conductor resistance 13,3 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, EN50200 - Minimum bending radius 16 v.d.	