

**FIRE RESISTANT INSTRUMENTATION CABLE
CuMGT, G10 insulated, LSZH bedding, SWB, LSZH outer sheath
IEC60332.3, IEC60754, IEC61034, IEC60331-21**

Type	F-Cu/MGT/G10/LSZH/SWB/LSZH 300/500V FTG100M1AM1 300/500V	3G 1,5sqmm
Conductor :	Flexible plain copper conductor according to IEC60228 cl.5 size 1,5sqmm (28x0,25) Diam. 1,55 mm	
Insulation :	Mica tape, Cross-linked G10 extruded compound Thickness : 0,6 mm	- Temperature range -20 + 90°C - Temperature laying -5 + 90°C
Laying up :	Twisted to core, Blue - Brown - Y/G (or to be agreed)	
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 : Black Thickness : 1,6 mm Overall diameter : 14 mm Total weight : 320 Kg/Km	
Marking :	On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.	
Performance :	<ul style="list-style-type: none">- Conductor resistance 13,3 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 18 v.d.- Hydrocarbon and UV resistant	