

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

Type	F-Cu/MGT/G10/LSZH/DSTA/LSZH 0,6/1Kv FTG100M1NM1 0,6/1Kv	2X 2,5sqmm
Conductor :	Flexible plain copper conductor according to IEC60228 cl.5 size 2,5sqmm (48x0,25) Diam. 2 mm	
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 pair, Blue - Black (or to be agreed)	
Pair screen		
Overall screen		
Bedding :	M1, Low Smoke Zero Halogen emission extruded compound Thickness : 1,0 mm	
Armour :	STA, Double galvanized steel tape Thickness : 0,2 mm	
Outer sheath :	M1, Low Smoke Zero Halogen emission extruded compound Colour : Black Thickness : 1,8 mm Overall diameter : 15 mm Total weight : 380 Kg/Km	
Marking :	On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.	
Performance :	- Conductor resistance 7,98 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 18 v.d. - Hydrocarbon and UV resistant	