

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

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<b>Type</b>	<b>F-Cu/MGT/G10/LSZH/SWB/LSZH 300/500V FTG100M1AM1 300/500V</b>	<b>4G 2,5sqmm</b>
<b>Conductor :</b>	Flexible plain copper conductor according to IEC60228 cl.5 size 2,5sqmm ( 48x0,25 ) Diam. 2 mm	
<b>Insulation :</b>	Mica tape, Cross-linked G10 extruded compound	- Temperature range -20 + 90°C
	Thickness : 0,6 mm	- Temperature laying -5 + 90°C
<b>Laying up :</b>	Twisted to core, Blue - Brown - Black - Grey ( or to be agreed )	
<b>Pair screen</b>		
<b>Overall screen</b>		
<b>Bedding :</b>	M1, Low Smoke Zero Halogen emission extruded compound	
	Thickness : 1,0 mm	
<b>Armour :</b>	SWA, Galvanized steel round wires	
	Thickness : 0,9 mm	
<b>Outer sheath :</b>	M1, Low Smoke Zero Halogen emission extruded compound	
	Colour : Black	
	Thickness : 1,6 mm	
	Overall diameter : 16,5 mm	
	Total weight : 480 Kg/Km	
<b>Marking :</b>	On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.	
<b>Performance :</b>	- Conductor resistance 7,98 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	