

**FIRE RESISTANT POWER CABLE**  
**Cu MGT, G10 insulated, LSZH bedding, SWA, LSZH outer sheath**  
**IEC60332.3, IEC60754, IEC61034, IEC60331-21**

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<b>Type</b>	<b>F-Cu/MGT/G10/LSZH/SWA/LSZH 0,6/1Kv</b> <b>FTG100M1FM1 0,6/1Kv</b>	<b>3G 4sqmm</b>
<b>Conductor :</b>	Flexible plain copper conductor according to IEC60228 cl.5 size 4sqmm ( 56x0,30 ) Diam. 2,5 mm	
<b>Insulation :</b>	Mica tape, Cross-linked G10 extruded compound Thickness : 0,7 mm	- Temperature range -20 + 90°C - Temperature laying -5 + 90°C
<b>Laying up :</b>	Twisted to core, Y/G - Blue - Brown ( 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 : 2,0 mm Overall diameter : 18,4 mm Total weight : 540 Kg/Km	
<b>Marking :</b>	On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.	
<b>Performance :</b>	<ul style="list-style-type: none"><li>- Conductor resistance 4,95 ohm/Km (+ 5% for multipair )</li><li>- Test voltage core to core 3,5 Kv</li><li>- Flame retardant according to IEC60332.3-22, CEI20-22/2</li><li>- Low smoke and halogen free as per IEC60754-2, CEI20-37/2</li><li>- Fire resistant IEC60331-21</li><li>- Minimum bending radius 18 v.d.</li><li>- Hydrocarbon and UV resistant</li></ul>	