

**CONTROL CABLE**  
**Cu, XLPE insulated, LSZH bedding, SWA, LSZH outer sheath**  
**IEC60332.3, IEC61034, IEC60754**

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<b>Type</b>	<b>F-Cu/XLPE/LSZH/SWA/LSZH 0,6/1Kv</b>	<b>3G 4sqmm</b>
	<b>FE4OM1FM1 0,6/1Kv</b>	
<b>Conductor :</b>	Flexible red copper conductor according to IEC60228 cl.5 size	4sqmm (56x0,30)
	Diam.	2,5 mm
<b>Insulation :</b>	Cross-linked XLPE extruded compound	- Temperature range -20 + 90°C
	Thickness :	0,7 mm - Temperature laying -5 + 90°C
<b>Laying up :</b>	Twisted to core, color Y/G - Brown - Blue ( or to be agreed )	

**Overall screen**

<b>Bedding :</b>	M1, Low Smoke Zero Halogen emission extruded compound
	Thickness : 1,0 mm
<b>Armor :</b>	SWA, Galvanized steel round wires
	Thickness : 0,9 mm
<b>Outer sheath :</b>	M1, Low Smoke Zero Halogen emission extruded compound
	Color : Black ( or to be agreed )
	Thickness : 1,6 mm
	Overall diameter : 17 mm
	Total weight : 500 Kg/Km

**Marking :**

On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.

<b>Performance :</b>	- Conductor resistance	4,95 ohm/Km	( + 5% for multipair )
	- Test voltage core to core	4 Kv	
	- Flame retardant according to IEC60332-3-22, CEI20-22/2		
	- Low smoke and halogen free as per IEC60754-2, CEI20-37/2		
	- Low smoke density emission IEC61034-1/2		
	- Minimum bending radius	14 V. D.	
	- Hydrocarbon and UV resistant		

**Weight and diameter are theoretical + / - 10%**