

FIRE RESISTANT INSTRUMENTATION CABLE
CuMGT, XLPE insulated, LSZH bedding, SWA, LSZH outer sheath
IEC60332.3, IEC60754, IEC61034, IEC60331-23

Type	F-CuMGT/XLPE/LSZH/SWA/LSZH 0,6/1Kv	3G 2,5sqmm
	FTE40M1FM1 0,6/1Kv	
Conductor :	Flexible red copper conductor according to IEC60228 cl.5 size	2,5sqmm (48x0,25)
	Diam.	2 mm
Insulation :	Mica tape, Cross-linked XLPE extruded compound	- Temperature range -20 + 90°C
	Thickness :	0,7 mm - Temperature laying -5 + 90°C
Laying up :	Twisted to core, Y/G - Brown - Blue (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 (or to be agreed)
	Thickness :	1,6 mm
	Overall diameter :	16,4 mm
	Total weight :	360 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	4 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 IEC60331-23	
	- Minimum bending radius	16 v.d.