

FIRE RESISTANT INSTRUMENTATION CABLE
CuMGT, XLPE insulated, overall screen, LSZH bedding, SWB, LSZH outer sheath
IEC60332.3, IEC60754, IEC61034, IEC60331-21, EN50200

Type	F-CuMGT/XLPE/OS/LSZH/SWB/LSZH 0,6/1kV	2X 2,5sqmm
	FTE4XOHM1AM1 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 pair, White - Black (or to be agreed)	
Pair screen		
Overall screen	Over the multipair will be shielded with aluminium/mylar tape, with tinned copper drain wire 7x0,30 placed between the aluminium/myler tape and further myler tape.	
Bedding :	M1, Low Smoke Zero Halogen emission extruded compound	
	Thickness :	1,0 mm
	Under armor diam. :	11,5 mm
Armour :	SWB, Galvanized steel braid wires	
	Thickness :	0,3 mm
Outer sheath :	M1, Low Smoke Zero Halogen emission extruded compound	
	Colour :	Red (or to be agreed)
	Thickness :	1,4 mm
	Overall diameter :	15,4 mm
	Total weight :	390 Kg/Km
Marking :	On the outhter 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 EN50200	
	- Minimum bending radius 16 v.d.	