

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

Type	F-CuMGT/XLPE/OS/LSZH/SWA/LSZH 300/500V	18X 1,5sqmm
	FTE4OHM1FM1 300/500V	
Conductor :	Flexible red copper conductor according to IEC60228 cl.5 size	1,5sqmm (28x0,25)
	Diam.	1,55 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, Black numbered	
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
Armour :	SWA, Galvanized steel round wires	
	Thickness :	0,9 mm
Outer sheath :	M1, Low Smoke Zero Halogen emission extruded compound	
	Colour :	Black
	Thickness :	2,0 mm
	Overall diameter :	27 mm
	Total weight :	1220 Kg/Km
Marking :	On the outhter sheath " manufacturer's name year & description cable " with ink-jet printer.	
Performance :	- Conductor resistance 13,3 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 IEC60331-23	
	- Minimum bending radius 16 v.d.	