

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 450/750V	2X 16AWG
	FTE4XOHM1AM1 450/750V	
Conductor :	Flexible red copper conductor according to IEC60228 cl.5 size 16AWG (28x0,25) Diam. 1,3 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. : 10 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 : 14,6 mm Total weight : 340 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 3 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.	