

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

Type	Rt-Cu/MGT/XLPE/IS/OS/LSZH/SWB/LSZH 0,6/1Kv	2X2X 1,5sqmm
	RTE4XHOHM1AM1 0,6/1Kv	
Conductor :	Strandrd tinned copper conductor according to IEC60228 cl.2 si: 1,5sqmm (7x0,53) 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 pair, Blue - Black numbered (or to be agreed)	
Pair screen	Each pair will be shielded with aluminium/mylar tape, with tinned copper drain wire 7x0,30 placed between the aluminium/myler tape and further myler tape.	
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 :	SWB, Galvanized steel braid wires Thickness : 0,3 mm	
Outer sheath :	M1, Low Smoke Zero Halogen emission extruded compound Colour : Black Thickness : 1,8 mm Overall diameter : 22 mm Total weight : 660 Kg/Km	
Marking :	On the outhter sheath " manufacturer's name year & description cable " with ink-jet printer.	
Performance :	- Conductor resistance 12,1 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 IEC60331-21 - Minimum bending radius 16 v.d. - Hydrocarbon and UV resistant	

Weight and diameter are theoretical +/- 10%