

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

Type	R-Cu/MGT/XLPE/LSZH/GSWA/LSZH 0,6/1Kv RTE4OM1FM1 0,6/1Kv	3G 4sqmm
Conductor :	Strandrd plain copper conductor according to IEC60228 cl.2 size 4sqmm (7x0,85) Diam. 2,5 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 : 1,8 mm Overall diameter : 18 mm Total weight : 520 Kg/Km	
Marking :	On the outhter sheath " manufacturer's name year & description cable " with ink-jet printer.	
Performance :	- Conductor resistance 4,61 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 IEC60331-23 - Minimum bending radius 16 v.d.	