

FIRE RESISTANT INSTRUMENTATION CABLE
CuMGT, XLPE insulated, LSZH bedding, SWA, PVC outer sheath
IEC60332.3, IEC60331-21

Type	R-Cu/MGT/XLPE/LSZH/SWA/PVC 300/500V RTE4OM1FR 300/500V	2X 2,5sqmm
Conductor :	Strandrd plain copper conductor according to IEC60228 cl.2 size 2,5sqmm (7x0,67) Diam. 2 mm	
Insulation :	Mica tape, Cross-linked XLPE extruded compound	- Temperature range -20 + 90°C
	Thickness : 0,6 mm	- Temperature laying -5 + 90°C
Laying up :	Twisted to pair, Red - Black (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 :	PVC, Polyvinylchloride Low Smoke and Fume extruded compound	
	Colour : Red	
	Thickness : 1,4 mm	
	Overall diameter : 15,6 mm	
	Total weight : 350 Kg/Km	
Marking :	On the outhter sheath " manufacturer's name year & description cable " with ink-jet printer.	
Performance :	- Conductor resistance 7,41 ohm/Km (+ 5% for multipair) - Test voltage core to core 4 Kv - Flame retardant according to IEC60332.3-22, CEI20-22/2 - Low smoke and fume as per IEC60754-2, CEI20-37/2 - Fire resistant IEC60331-21 - Minimum bending radius 16 v.d. - Hydrocarbon and UV resistant	