

FIRE RESISTANT INSTRUMENTATION CABLE
CuMGT, XLPE insulated, overall screen Al tape plus CWB, LSZH outer sheath
IEC60332.3, IEC60754, IEC61034, IEC60331-21

Type	R-CuMGT/XLPE/OS/CWB/LSZH 300/300V RTE4OHH2M1 300/300V	2X 0,75sqmm
Conductor :	Strandrd red copper conductor according to IEC60228 cl.2 size 0,75sqmm (7x0,37) Diam. 1,12 mm	
Insulation :	Mica tape, Cross-linked XLPE extruded compound Thickness : 0,5 mm	- Temperature range -20 + 90°C - Temperature laying -5 + 90°C
Laying up :	Twisted to pair, Blue - White (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 :	Thickness : mm	
Screen :	CWB Red copper wire braid Thickness : 0,2 mm	
Outer sheath :	M1, Low Smoke Zero Halogen emission extruded compound Colour : Black (or to be agreed) Thickness : 1,4 mm Overall diameter : 10 mm Total weight : 150 Kg/Km	
Marking :	On the outhter sheath " manufacturer's name year & description cable " with ink-jet printer.	
Performance :	- Conductor resistance 24,5 ohm/Km (+ 5% for multipair) - Test voltage core to core 1,5 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 18 v.d. - Inductance <=/= 0,90mH/Km - Capacitance <=/= 0,14microF/Km	