

FIRE RESISTANT INSTRUMENTATION CABLE**Cu MGT, XLPE insulated, individual and overall screen, LSZH bedding, DSTA, LSZH outer sheath
IEC60332.3, IEC60754, IEC61034, IEC60331-23**

Type	R-Cu/MGT/XLPE/IS/OS/LSZH/DSTA/LSZH 300/500V RTE4XHOHM1NM1 300/500V	12X3X 0,75sqmm
Conductor :	Stranded plain copper conductor according to IEC60228 cl.2 size 0,75sqmm (7x0,37) Diam. 1,12 mm	
Insulation :	Mica tape, Cross-linked XLPE extruded compound - Temperature range -20 + 90°C Thickness : 0,5 mm - Temperature laying -5 + 90°C	
Laying up :	Twisted to core, Y/G - Red - White 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/mylar tape and further mylar tape.	
Overall screen	Over the multipair will be shielded with aluminium/mylar tape, with tinned copper drain wire 7x0,30 placed between the aluminium/mylar tape and further mylar tape.	
Bedding :	M1, Low Smoke Zero Halogen emission extruded compound Thickness : 1,0 mm	
Armour :	STA, Double galvanized steel tape Thickness : 0,2 mm	
Outer sheath :	M1, Low Smoke Zero Halogen emission extruded compound Colour : Black (or to be agreed) Thickness : 2,0 mm Overall diameter : 35 mm Total weight : 1800 Kg/Km	
Marking :	On the outer 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 2 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. - Hydrocarbon and UV resistant	