

FIRE RESISTANT INSTRUMENTATION CABLE
CuMGT, XLPE insulated, overall screen, PVC bedding, SWA, PVC outer sheath
IEC60332.3, EN50288-7, IEC60331-23, ARTIC

Type	R-Cu/MGT/XLPE/OS/PVC/SWA/PVC 300/500V RTE4OHRFR 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 Thickness : 0,7 mm	- Temperature range -40 + 90°C - Temperature laying -5 + 90°C
Laying up :	Twisted to pair, White - Black (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 :	PVC, Polyvinylchloride Low Smoke and Fume extruded compound, Artic -40°C Thickness : 1,0 mm	
Armour :	SWA, Galvanized steel round wires Thickness : 0,9 mm	
Outer sheath :	PVC, Polyvinylchloride Low Smoke and Fume extruded compound, Artic -40°C Colour : BIUE Thickness : 1,4 mm Overall diameter : 14,8 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 2 Kv - Flame retardant according to IEC60332.3-22, CEI20-22/2 - Low smoke and fume as per IEC60754-2, CEI20-37/2 - Fire resistant IEC60331-23 - Minimum bending radius 16 v.d. - Hydrocarbon and UV resistant	