

**INSTRUMENTATION CABLE
Cu, XLPE insulated, LSZH bedding, SWB, LSZH outer sheath
IEC60332.3**

Type	R-Cu/XLPE/LSZH/SWB/LSZH 0,6/1Kv RE40M1AM1 0,6/1Kv	2X 2,5sqmm
Conductor :	Stranded red copper conductor according to IEC60228 cl.2 size 2,5sqmm (7x0,67) Diam. 2 mm	
Insulation :	Cross-linked XLPE extruded compound Thickness : 0,7 mm	- Temperature range -20 + 90°C - Temperature laying -5 + 90°C
Laying up :	Twisted to pairs, color White - Black (or to be agreed)	

Overall screen

Bedding :	M1, Low Smoke Zero Halogen emission extruded compound Thickness : 1,0 mm
Armor :	SWB, Galvanized steel braid wires Thickness : 0,3 mm
Outer sheath :	M1, Low Smoke Zero Halogen emission extruded compound Color : Grey (or to be agreed) Thickness : 1,6 mm Overall diameter : 14 mm Total weight : 320 Kg/Km

Marking :

On the outer 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 IEC60332-3-24, CEI20-22/3 - Low smoke and halogen free as per IEC60754-2, CEI20-37/2 - Low smoke density emission IEC61034-1/2 - Minimum bending radius 12 V. D. - Hydrocarbon and UV resistant
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Weight and diameter are theoretical +/- 10%