

**INSTRUMENTATION CABLE
Cu, XLPE insulated, LSZH bedding, SWB, LSZH outer sheath
IEC60332.3, IEC60754, IEC61034**

Type	Rt-Cu/XLPE/LSZH/SWB/LSZH 0,6/1Kv RE4OM1AM1 0,6/1Kv	3G 2,5sqmm
Conductor :	Stranded tinned copper conductor acc. to IEC60228 cl.2 size Diam. 2 mm	2,5sqmm (7x0,67)
Insulation :	Cross-linked XLPE extruded compound Thickness : 0,7 mm	- Temperature range -15 + 90°C - Temperature laying -5 + 90°C
Laying up :	Twisted to core, color Blue - Brown - Y/G (or to be agreed)	

Bedding : M1, Low Smoke Zero Halogen emission extruded compound
Thickness : 1,0 mm

Armour : SWB, Galvanized steel braid wires
Thickness : 0,3 mm

Outer sheath : M1, Low Smoke Zero Halogen emission extruded compound
Color : Black (or to be agreed)
Thickness : 1,8 mm
Overall diameter : 14,8 mm
Total weight : 340 Kg/Km

Marking :

On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.

Performance :

- Conductor resistance 8,21 ohm/Km (+ 5% for multipair)
- Test voltage core to core 3,5 Kv
- Flame retardant according to IEC60332-3-22, CEI20-22/2
- Low smoke and halogen free as per IEC60754-2, CEI20-37/2
- Low smoke density emission IEC61034-1/2
- Minimum bending radius 10 V. D.
- Hydrocarbon and UV resistant

- Inductance </= 0,90 mH/Km
- Capacitance </= 0,075 microF/Km

Weight and diameter are theoretical + / - 10%