

**INSTRUMENTATION CABLE
Cu, XLPE insulated, PVC bedding, SWA, PVC outer sheath
IEC60332.3, IEC60502**

Type **R-Cu/XLPE/PVC/SWA/PVC 0,6/1Kv** **2X 2,5sqmm**
 RE4ORFR 0,6/1Kv

Conductor : Strandrd plain copper conductor according to IEC60228 cl.2 size 2,5sqmm (7x0,67)
 Diam. 2 mm

Insulation : Cross-linked XLPE extruded compound - Temperature range -20 + 90°C
 Thickness : 0,7 mm - Temperature laying -5 + 90°C

Laying up : Twisted to pair, color White - Black (or to be agreed)

Bedding : PVC, Polyvinylchloride Low Smoke and Fume extruded compound
 Thickness : 1,0 mm

Armour : SWA, Galvanized steel round wires
 Thickness : 0,9 mm

Outer sheath : PVC, Polyvinylchloride Low Smoke and Fume extruded compound
 Color : Blue / Black (or to be agreed)
 Thickness : 1,8 mm
 Overall diameter : 13,8 mm
 Total weight : 310 Kg/Km

Marking :

On the outhere 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 3,5 Kv
- Flame retardant according to IEC60332-3-24, CEI20-22/3
- Low smoke and fume as per IEC60754-1, CEI20-37
- HCL emission < /= 22%
- Minimum bending radius 14 V. D.
- Hydrocarbon and UV resistant

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

Weight and diameter are theoretical + / - 10%