INSTRUMENTATION CABLE
Cu, XLPE insulated, overall screen, PVC outer sheath
IEC60332.3, EN50288-7

Type **R-Cu/XLPE/OS/PVC 300/500V**
RE4XOHR 300/500V

Conductor : Stranded plain copper conductor according to IEC60228 cl.2 size 1sqmm (7x0,43)
Diam. 1,3 mm

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

Laying up : Twisted to pairs, White - Black numbered (or to be agreed)

Overall screen Applied over total assembly will be wrapped with polyester tape and shielded with Aluminum/Mylar tape100% coverage and 25% overlap with metal side in contact with a tinned copper drain wire 7x0,30 size 0,5sqmm.

Outer sheath : PVC, Polyvinylchloride Low Smoke and Fume extruded compound
Color : Grey (or to be agreed)

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

Performance :
- Conductor resistance 18,1 ohm/Km (+ 5% for multipair)
- Test voltage core to core 2 Kv
- Flame retardant according to IEC60332-3-24, CEI20-22/3
- Low smoke and fume as per IEC60754-1, CEI20-37
- HCL emission </= 22%
- Hydrocarbon and UV resistant

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

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Technical data & Electrical properties at 20°C

DESCRIPTION	Sheath thickness	Ext.Diam mm	W. Kg/Km	Armour Diam.	Bending radius
R-Cu/XLPE/OS/PVC 300/500V 10X2X1	1,8	20	520		160
R-Cu/XLPE/OS/PVC 300/500V 20X2X1	2	25	870		200

Weight and diameter are theoretical + / - 10%