INSTRUMENTATION CABLE
Cu, XLPE insulated, overall screen, PVC bedding, SWA, PVC outer sheath
IEC60332.1, IEC60332.3, BS EN50288-7

Type **R-Cu/XLPE/OS/PVC/SWA/PVC 300/500V**
RE4XOHRFR 300/500V

Conductor : Stranded plain copper conductor according to IEC60228 cl.2 size 1,5sqmm (7x0,53)
Diam. 1,55 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.

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

Armour : SWA, Galvanized steel round wires

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

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

Performance :
- Conductor resistance 12,1 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 </= 0,250 microF/Km