

INSTRUMENTATION CABLE

**Cu, XLPE insulated, overall screen, PVC bedding, SWA, PVC outer sheath
IEC60332.1, IEC60332.3, 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 tape 100% 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 outer 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