

**INSTRUMENTATION CABLE****Cu, PVC insulated, overall screen, PVC bedding, SWA, PVC outer sheath  
IEC60332.1, IEC60332.3**

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- Type** F-Cu/XLPE/OS/PVC/SWA/PVC 0,6/1Kv  
FE4XOHRFR 0,6/1Kv
- Conductor :** Flexible red copper conductor according to IEC60228 cl.5 size 1,5sqmm ( 28x0,25 )  
Diam. 1,55 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 numbered ( or to be agreed )
- Pair screen**
- Overall screen** Over the multipair will be shielded with aluminium/mylar tape, with tinned copper drain wire 7x0,30 placed between the aluminium/mylar tape and further mylar tape.
- Bedding :** PVC, Polyvinylchloride Low Smoke and Fume extruded compound  
Thickness : 1,2 mm
- Armor :** SWA Galvanized steel round wires with an open helix of galvanized steel tape over the wire
- 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 13,3 ohm/Km (+ 5% for multipair )
  - Test voltage core to core 4 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