

**INSTRUMENTATION CABLE****Cu, PVC insulated, PVC bedding, SWB, PVC outer sheath  
IEC60332.3, CEI20-22/2, Hydrocarbon Resistant**

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- Type** F-Cu/PVC/PVC/SWB/PVC 450/750V  
FR2XORAR 450/750V
- Conductor :** Flexible red copper conductor according to IEC60228 cl.5 size 2,5sqmm (48x0,25)  
Diam. 2 mm
- Insulation :** PVC extruded compound - Temperature range -15 + 80°C  
Thickness : 0,8 mm - Temperature laying -5 + 70°C
- Laying up :** Twisted to pair, color Blue - Black numbered ( or to be agreed )
- Pair screen**
- Overall screen**
- Bedding :** PVC, Polyvinylchloride Low Smoke and Fume extruded compound  
Thickness : 1,2 mm
- Armor :** SWB, Galvanized steel braid 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 7,98 ohm/Km (+ 5% for multipair )
  - Test voltage core to core 3 Kv
  - Flame retardant according to IEC60332-3-22, CEI20-22/2
  - Low smoke and fume as per IEC60754-1, CEI20-37
  - HCL emission <= 22%
  - Hydrocarbon resistant

