

**INSTRUMENTATION CABLE
Cu, EPR insulated, PVC bedding, SWA, PVC outer sheath
IEC60332.3, IEC60502**

| | | |
|---------------------|--|--|
| Type | R-Cu/EPR/PVC/SWA/PVC 0,6/1Kv RG7ORFR 0,6/1Kv | 2X 2,5sqmm |
| Conductor : | Strandrd red copper conductor according to IEC60228 cl.2 size 2,5sqmm (7x0,67) Diam. 2 mm | |
| Insulation : | Cross-linked HEPR extruded compound Thickness : 0,7 mm | - Temperature range -20 + 90°C - Temperature laying -5 + 90°C |
| Laying up : | Twisted to core, color Black - White | |

Overall screen

| | | |
|-----------------------|--|--|
| Bedding : | PVC, Polyvinylchloride Low Smoke and Fume extruded compound Thickness : 1,0 mm | |
| Armor : | SWA, Galvanized steel round wires Thickness : 0,9 mm | |
| Outer sheath : | PVC, Polyvinylchloride Low Smoke and Fume extruded compound Color : Black (or to be agreed) Thickness : 1,4 mm Overall diameter : 14 mm Total weight : 320 Kg/Km | |

Marking :

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

| | | | |
|----------------------|--|-------------|------------------------|
| Performance : | - Conductor resistance | 7,41 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% | | |
| | - Minimum bending radius | 12 V. D. | |
| | - Hydrocarbon resistant | | |

Weight and diameter are theoretical + / - 10%