

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

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| Type | F-Cu/EPR/PVC/SWB/PVC 0,6/1Kv FG7ORAR 0,6/1Kv | 4X 2,5sqmm |
| Conductor : | Flexible plain copper conductor according to IEC60228 cl.5 size 2,5sqmm (48x0,25) 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 1 - Black 2 - Grey 1 - Grey 2 | |

Overall screen

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| Bedding : | PVC, Polyvinylchloride Low Smoke and Fume extruded compound Thickness : 1,0 mm | |
| Armor : | SWB, Galvanized steel braid wires Thickness : 0,3 mm | |
| Outer sheath : | PVC, Polyvinylchloride Low Smoke and Fume extruded compound Color : Grey (or to be agreed) Thickness : 1,8 mm Overall diameter : 14,8 mm Total weight : 410 Kg/Km | |

Marking :

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

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| Performance : | - Conductor resistance 7,98 ohm/Km (+ 5% for multipair) - Test voltage core to core 3,5 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 10 V. D. - Hydrocarbon and UV resistant | |
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Weight and diameter are theoretical + / - 10%