

**INSTRUMENTATION CABLE  
Cu, FR-EPR insulated, PVC bedding, SWB, PVC outer sheath  
IEC60332.3-24**

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<b>Type</b>	<b>F-Cu/EPR/PVC/SWB/PVC 0,6/1Kv FG16OH2R16 0,6/1Kv</b>	<b>36X 1,5sqmm</b>
<b>Conductor :</b>	Flexible plain copper conductor according to IEC60228 cl.5 size 1,5sqmm ( 28x0,25 ) Diam. 1,55 mm	
<b>Insulation :</b>	Cross-linked FR-EPR extruded compound Thickness : 0,7 mm	- Temperature range -20 + 90°C - Temperature laying -5 + 90°C
<b>Laying up :</b>	Twisted to core, color Black numbered ( or to be agreed )	

**Bedding :** PVC, Polyvinylchloride Low Smoke and Fume extruded compound  
Thickness : 1,0 mm

**Screen :** CWB plain copper wire braid  
Thickness : 0,2 mm

**Outer sheath :** PVC, Polyvinylchloride Low Smoke and Fume extruded compound  
Color : Black ( or to be agreed )  
Thickness : 2,0 mm  
Overall diameter : 28 mm  
Total weight : 1570 Kg/Km

**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 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  $\leq$  22%
- Minimum bending radius 10 V. D.
- Hydrocarbon UV resistant