

**INSTRUMENTATION CABLE  
Cu, EPR insulated, CWB, LSZH outer sheath  
IEC60332.3, IEC60754, IEC61034, EN50288-7**

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<b>Type</b>	<b>F-Cu/EPR/CWB/LSZH 300/500V FG7OH2M1 300/500V</b>	<b>4X 1sqmm</b>
<b>Conductor :</b>	Flexible plain copper conductor according to IEC60228 cl.5 size 1sqmm ( 32x0,20 ) Diam. 1,3 mm	
<b>Insulation :</b>	Cross-linked HEPR extruded compound Thickness : 0,5 mm	- Temperature range -20 + 90°C - Temperature laying -5 + 90°C
<b>Laying up :</b>	Twisted to pair, color Blue - Brown - Black - Grey ( or to be agreed )	

**Bedding :** Mylar tape  
Thickness : mm

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

**Outer sheath :** M1, Low Smoke Zero Halogen emission extruded compound  
Color : Black ( or to be agreed )  
Thickness : 1,2 mm  
Overall diameter : 9,2 mm  
Total weight : 150 Kg/Km

**Marking :**

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

**Performance :**

- Conductor resistance 19,5 ohm/Km ( + 5% for multipair )
- Test voltage core to core 2 Kv
- Flame retardant according to IEC60332-3-24, CEI20-22/3
- Low smoke and halogen free as per IEC60754-2, CEI20-37/2
- Low smoke density emission IEC61034-1/2
- Minimum bending radius 8 V. D.
- Hydrocarbon UV resistant

  

- Inductance </= 0,90 mH/Km
- Capacitance </= 0,200 microF/Km

**Weight and diameter are theoretical + / - 10%**