

**INSTRUMENTATION CABLE  
Cu, PVC insulated, CWB, PVC outer sheath  
IEC60332.3, EN50288-7**

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<b>Type</b>	<b>F-Cu/PVC/CWB/PVC 300/300V FR2OH2R 300/300V</b>	<b>3X 0,5sqmm</b>
<b>Conductor :</b>	Flexible plain copper conductor according to IEC60228 cl.5 size 0,5sqmm ( 16x0,20 ) Diam. 0,9 mm	
<b>Insulation :</b>	PVC extruded compound Thickness : 0,7 mm	- Temperature range -15 + 70°C - Temperature laying -5 + 70°C
<b>Laying up :</b>	Twisted to core, color Brown - White - Green ( or to be agreed )	

**Bedding :** Mylar tape  
Thickness : mm

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

**Outer sheath :** PVC, Polyvinylchloride Low Smoke and Fume extruded compound  
Color : Grey ( or to be agreed )  
Thickness : 1,4 mm  
Overall diameter : 8 mm  
Total weight : 100 Kg/Km

**Marking :**

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

**Performance :**

- Conductor resistance 39 ohm/Km ( + 5% for multipair )
- Test voltage core to core 1,5 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 8 V. D.
- Hydrocarbon resistant
  
- Inductance  $\leq$  0,90 mH/Km
- Capacitance  $\leq$  0,250 microF/Km

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