

**INSTRUMENTATION CABLE**  
**Cu, PVC insulated, overall screen, PVC outer sheath**  
**IEC60332.1, IEC60332.3**

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<b>Type</b>	<b>F-Cu/PVC/OS/PVC 450/750V</b> <b>FR2XOHR 450/750V</b>	
<b>Conductor :</b>	Flexible red copper conductor according to IEC60228 cl.5 size 1sqmm (32x0,20) Diam. 1,3 mm	
<b>Insulation :</b>	PVC extruded compound Thickness : 0,7 mm	- Temperature range -15 + 105°C - Temperature laying -5 + 70°C
<b>Laying up :</b>	Twisted to pair, color Blue - Black / Blue - Black numbered ( or to be agreed )	
<b>Pair screen</b>		
<b>Overall screen</b>	Over the multipair will be shielded with aluminium/mylar tape, with tinned copper drain wire 7x0,30 placed between the aluminium/mylar tape and further mylar tape.	
<b>Bedding :</b>	Thickness : mm	
<b>Armor :</b>		
<b>Outer sheath :</b>	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Color : Grey ( or to be agreed )	
<b>Marking :</b>	On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.	
<b>Performance :</b>	<ul style="list-style-type: none"><li>- Conductor resistance 19,5 ohm/Km (+ 5% for multipair )</li><li>- Test voltage core to core 3 Kv</li><li>- Flame retardant according to IEC60332-3-22, CEI20-22/2</li><li>- Low smoke and fume as per IEC60754-1, CEI20-37</li><li>- HCL emission &lt;= 22%</li><li>- Hydrocarbon resistant</li><li>- Inductance &lt;= 1,25mH/Km</li><li>- Capacitance &lt;= 0,25microF/Km</li></ul>	

