

**INSTRUMENTATION CABLE  
Cu, PVC insulated, overall screen, PVC outer sheath  
IEC60332.3-24, EN50288-7 PQA**

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<b>Type</b>	<b>U-Cu/PVC/OS/PVC 300V UR2XOHR 300V</b>	<b>2X2X 0,8sqmm</b>
<b>Conductor :</b>	Solid plain copper conductor according to IEC60228 cl.1 size 0,8sqmm ( 1x1,05 ) Diam. 1,05 mm	
<b>Insulation :</b>	PVC extruded compound Thickness : 0,5 mm	- Temperature range -17 + 70°C - Temperature laying -5 + 70°C
<b>Laying up :</b>	Twisted to pair, color Blue - Red / Grey - Yellow ( or to be agreed )	
<b>Overall screen</b>	Applied over total assembly will be wrapped with polyester tape and shielded with Aluminum/Mylar tape 100% coverage and 25% overlap with metal side in contact with a tinned copper drain wire 7x0,30 size 0,5sqmm.	
<b>Outer sheath :</b>	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Color : Gray ( or to be agreed ) Thickness : 1,2 mm Overall diameter : 11 mm Total weight : 130 Kg/Km	
<b>Marking :</b>	On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.	
<b>Performance :</b>	- Conductor resistance 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 <= 22% - Minimum bending radius 8 V. D. - Hydrocarbon and UV resistant	