

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

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<b>Type</b>	<b>F-Cu/PVC/TCWB/PVC 300/500V YSLCY-OB</b>	<b>2X 2,5sqmm</b>
<b>Conductor :</b>	Flexible plain copper conductor according to IEC60228 cl.5 size 2,5sqmm ( 48x0,25 ) Diam. 2 mm	
<b>Insulation :</b>	PVC extruded compound Thickness : 0,5 mm	- Temperature range -15 + 70°C - Temperature laying -5 + 70°C
<b>Laying up :</b>	Twisted to pair, color Blue - Brown ( or to be agreed )	

**Screen :** TCWB tinned copper wire braid  
Thickness : 0,2 mm

**Outer sheath :** PVC, Polyvinylchloride Low Smoke and Fume extruded compound  
Color : Black ( or to be agreed )  
Thickness : 1,2 mm  
Overall diameter : 9,4 mm  
Total weight : 140 Kg/Km

**Marking :**

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

**Performance :**

- Conductor resistance 7,98 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 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%**