

**INSTRUMENTATION CABLE
Cu, PVC insulated, CWB overall screen, PVC outer sheath
IEC60332.3, CEI20-22/3**

Type	F-Cu/PVC/CWB/PVC 300/500V FR2XOH2R 300/500V	2X2X 0,75sqmm
Conductor :	Flexible plain copper conductor according to IEC60228 cl.5 size 0,75sqmm (24x0,20) Diam. 1,12 mm	
Insulation :	PVC extruded compound Thickness : 0,5 mm	- Temperature range -15 + 70°C - Temperature laying -5 + 70°C
Laying up :	Twisted to pair, color Blue - Black numbered (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 : Blue (or to be agreed) Thickness : 1,4 mm Overall diameter : 9,5 mm Total weight : 150 Kg/Km	
Marking :	On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.	
Performance :	<ul style="list-style-type: none">- Conductor resistance 26 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- Cable for intrinsically safe application- Inductance \leq 0,90 mH/Km- Capacitance \leq 0,250 microF/Km- This cable is suitable to be used in ATEX area following the EN60079-14 prescription	

Weight and diameter are theoretical + / - 10%