

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

Type	F-Cu/PVC/IS/OS/PVC 450/750V FR2XHOHR 450/750V	
Conductor :	Flexible red copper conductor according to IEC60228 cl.5 size 0,75sqmm (24x0,20) Diam. 1,12 mm	
Insulation :	PVC extruded compound Thickness : 0,6 mm	- Temperature range -15 + 80°C - Temperature laying -5 + 70°C
Laying up :	Twisted to pair, color Blue - Black numbered (or to be agreed)	
Pair screen	Each pair will be shielded with aluminium/mylar tape, with tinned copper drain wire 7x0,30 placed between the aluminium/mylar tape and further mylar tape.	
Overall screen	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.	
Bedding :	Thickness : mm	
Armor :		
Outer sheath :	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Color : Blue (or to be agreed)	
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 3 Kv- Flame retardant according to IEC60332-3-24, CEI20-22/3- Low smoke and fume as per IEC60754-1, CEI20-37- HCL emission <= 22%- Hydrocarbon resistant- Inductance <= 0,90mH/Km- Capacitance <= 0,25microF/Km- This cable is suitable to be used in ATEX area following the EN60079-14 prescription	