

INSTRUMENTATION CABLE**Cu, PVC insulated, individual and overall screen, PVC bedding, SWB, PVC outer sheath
IEC60332.3, CEI20-22/2, Hydrocarbon Resistant**

Type	F-Cu/PVC/IS/OS/PVC/SWB/PVC 450/750V FR2XHOHRAR 450/750V	
Conductor :	Flexible red copper conductor according to IEC60228 cl.5 size 1,5sqmm (28x0,25) Diam. 1,55 mm	
Insulation :	PVC extruded compound Thickness : 0,7 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 (only multipair)	Each pair will be shielded with aluminium/mylar tape, with tinned copper drain wire 7x0,30 placed between the aluminium/myler 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/myler tape and further mylar tape.	
Bedding :	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Thickness : 1,0 mm	
Armor :	SWB, Galvanized steel braid wires	
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 :	- Conductor resistance 13,3 ohm/Km (+ 5% for multipair) - Test voltage core to core 3 Kv - Flame retardant according to IEC60332-3-22, CEI20-22/2 - Low smoke and fume as per IEC60754-1, CEI20-37 - HCL emission <= 22% - Hydrocarbon resistant	

