

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

Type	F-Cu/PVC/IS/OS/PVC/SWB/PVC 0,6/1Kv	10X2X 1,5sqmm
	FR2XHOHRAR 0,6/1Kv	
Conductor :	Flexible red copper conductor according to IEC60228 cl.5 size 1,5sqmm (28x0,25) Diam. 1,55 mm	
Insulation :	PVC extruded compound	- Temperature range -15 + 70°C
	Thickness : 0,8 mm	- Temperature laying -5 + 70°C
Laying up :	Twisted to pairs, color Blue - Black numbered (or to be agreed)	
Pair screen	Each pair will be shielded with aluminum/mylar tape, with tinned copper drain wire 7x0,30 placed between the aluminum/myler tape and further mylar tape.	
Overall screen	Over the multipair will be shielded with aluminum/mylar tape, with tinned copper drain wire 7x0,30 placed between the aluminum/myler tape and further mylar tape.	
Bedding :	PVC, Polyvinylchloride Low Smoke and Fume extruded compound	
	Thickness : 1,2 mm	
Armor :	SWB, Galvanized steel braid wires	
	Thickness : 0,3 mm	
Outer sheath :	PVC, Polyvinylchloride Low Smoke and Fume extruded compound	
	Color : Black (or to be agreed)	
	Thickness : 2,0 mm	
	Overall diameter : 29 mm	
	Total weight : 1300 Kg/Km	
Marking :	On the outhter 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 4 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 10 V. D. - Hydrocarbon resistant	

Weight and diameter are theoretical + / - 10%