

**INSTRUMENTATION CABLE
Cu, PVC insulated, individual and overall screen, PVC outer sheath
IEC60332.3-24**

Type	F(t)-Cu/PVC/IS/OS/PVC 0,6/1Kv FR2XHOHR 0,6/1Kv	12X2X 1sqmm
Conductor :	Flexible tinned copper conductor acc. to IEC60228 cl.5 Diam. 1,3 mm	size 1sqmm (32x0,20)
Insulation :	PVC extruded compound Thickness : 0,8 mm	- Temperature range -40 + 90°C - Temperature laying -5 + 70°C
Laying up :	Twisted to pair, color White - Black numbered (or to be agreed)	
Pair/Triad screen	Applied over the single pair/triad will be wrapped with polyester tape and shielded with Aluminum / Mylar tape 100% coverage and 25% overlap with metal side in contact with a tinned copper drain wire 7x0,30 size 0,5sqmm, over the screen will be placed a further Mylar tape.	
Overall screen	Applied over total assembly will be wrapped with polyester tape and shielded with Aluminum/Mylar tape 100% coverage and 25% overlap with metal side in contact with a tinned copper drain wire 7x0,30 size 0,5sqmm.	
Outer sheath :	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Color : Blue (or to be agreed) Thickness : 1,8 mm Overall diameter : 25 mm Total weight : 880 Kg/Km	
Marking :	On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.	
Performance :	- Conductor resistance 20 ohm/Km (+ 5% for multipair) - Test voltage core to core 3,5 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 14 V. D. - Hydrocarbon resistant - Inductance <= 0,90 mH/Km - Capacitance <= 0,250 microF/Km	

Weight and diameter are theoretical + / - 10%