

INSTRUMENTATION CABLE
Cu, PVC insulated, overall screen, PVC bedding, SWA, PVC outer sheath
IEC60332.3, IEC60502 PQA

Type	F-Cu/PVC/OS/PVC/SWA/PVC 450/750V FR2OHRFR 450/750V	3X 1,5sqmm
Conductor :	Flexible red copper conductor according to IEC60228 cl.5 size Diam. 1,55 mm	1,5sqmm (28x0,25)
Insulation :	PVC extruded compound Thickness : 0,7 mm	- Temperature range -15 + 70°C - Temperature laying -5 + 70°C
Laying up :	Twisted to triad, color Blue - Brown - Black (or to be agreed)	
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 : 1,0 mm	
Armor :	SWA, Galvanized steel round wires Thickness : 0,9 mm	
Outer sheath :	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Color : Black (or to be agreed) Thickness : 1,6 mm Overall diameter : 14 mm Total weight : 320 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 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% - Minimum bending radius 12 V. D. - Hydrocarbon resistant	

Weight and diameter are theoretical + / - 10%