

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

Type	R-Cu/PVC/OS/PVC/SWA/PVC 0,6/1Kv	3X 1,5sqmm
	RR2OHRFR 0,6/1Kv	
Conductor :	Strandrd red copper conductor according to IEC60228 cl.2 size 1,5sqmm (7x0,53) Diam. 1,55 mm	
Insulation :	PVC extruded compound	- Temperature range -15 + 80°C
	Thickness : 0,8 mm	- Temperature laying -5 + 70°C
Laying up :	Twisted to core, color White - Red - 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 : Red (or to be agreed)	
	Thickness : 1,8 mm	
	Overall diameter : 13,2 mm	
	Total weight : 310 Kg/Km	
Marking :	On the outhter sheath " manufacturer's name year & description cable " with ink-jet printer.	
Performance :	- Conductor resistance 12,1 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 12 V. D. - Hydrocarbon and UV resistant	

Weight and diameter are theoretical + / - 10%