

INSTRUMENTATION CABLE**Cu, PVC insulated, Cu/tape overall screen, PVC bedding, SWA, PVC outer sheath
IEC60332.3-24**

Type	R-Cu/PVC/CuOS/PVC/SWA/PVC 0,6/1Kv RR2OHRFR 0,6/1Kv	2X 2,5sqmm
Conductor :	Strandrd plain copper conductor according to IEC60228 cl.2 siz 2,5sqmm (7x0,67) Diam. 2 mm	
Insulation :	PVC extruded compound Thickness : 0,9 mm	- Temperature range -15 + 70°C - Temperature laying -5 + 70°C
Laying up :	Twisted to pair, color White - Black (or to be agreed)	
Overall screen	Applied over total assembly will be wrapped with polyester tape and shielded with Copper/Mylar tape 100% coverage and 25% overlap with metal side in contact with a tinned copper drain wire 7x0,30 size 0,5sqmm.	
Bedding :	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Thickness : 1,0 mm	
Armour :	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 : 1,8 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 :	<ul style="list-style-type: none">- Conductor resistance 7,41 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 8 V. D.- Hydrocarbon and UV resistant - Inductance < /= 0,90 mH/Km- Capacitance < /= 0,250 microF/Km	