

**INSTRUMENTATION CABLE
Cu, PVC insulated, PVC outer sheath
IEC60332.3-24**

Type	R-Cu/PVC/PVC 0,6/1Kv RR2XOR 0,6/1Kv	12X2X 2,5sqmm
Conductor :	Stranded plain copper conductor according to IEC60228 cl.2 size 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 Red - Black numbered (or to be agreed)	

Outer sheath :	PVC, Polyvinylchloride Low Smoke and Fume extruded compound	
Color :	Black (or to be agreed)	
Thickness :	2,0 mm	
Overall diameter :	29,5 mm	
Total weight :	1180 Kg/Km	

Marking :

On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.

Performance :	- 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 \leq 22%		
	- Minimum bending radius	8 V. D.	
	- Hydrocarbon and UV resistant		
	- Inductance \leq	0,90 mH/Km	
	- Capacitance \leq	0,250 microF/Km	

Weight and diameter are theoretical + / - 10%