

**INSTRUMENTATION CABLE
Cu, PE insulated, overall screen, PVC outer sheath
IEC60332.3-24, EN50288-7**

Type	R-Cu/PE/OS/PVC 300/500V RE-2Y(st)Y-fl 300/500V	4X 1sqmm
Conductor :	Stranded plain copper conductor according to IEC60228 cl.2 size 1sqmm (7x0,43) Diam. 1,3 mm	
Insulation :	Polyethylene extruded compound Thickness : 0,5 mm	- Temperature range -20 + 70°C - Temperature laying -5 + 70°C
Laying up :	Twisted to core, color Blue - Brown - Black - Grey (or to be agreed)	
Overall screen	Applied over total assembly will be wrapped with polyester tape and shielded with Aluminum/Mylar tape 100% coverage and 50% 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 : Black (or to be agreed) Thickness : 1,8 mm Overall diameter : 8,8 mm Total weight : 130 Kg/Km	
Marking :	On the outer sheath " manufacturer's name year & description cable " with ink-jet printer. We confirm that the inkjet marking applied on our cables is durable for the period of the cable under normal conditions and practice, as per IEC international standards	
	<ul style="list-style-type: none">- Conductor resistance 18,1 ohm/Km (+ 5% for multipair)- Test voltage core to core 2 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 UV resistant	

Weight and diameter are theoretical + / - 10%