

**INSTRUMENTATION CABLE
Cu, PVC insulated, PVC outer sheath
IEC60332.3, EN50288-7**

Type	F-Cu/PVC/PVC 300/500V FR2OR 300/500V	3X 0,5sqmm
Conductor :	Flexible plain copper conductor according to IEC60228 cl.5 size 0,5sqmm (16x0,20) Diam. 0,9 mm	
Insulation :	PVC extruded compound Thickness : 0,5 mm	- Temperature range -15 + 70°C - Temperature laying -5 + 70°C
Laying up :	Twisted to core, color Red - Black - White (or to be agreed)	

Outer sheath :	PVC, Polyvinylchloride Low Smoke and Fume extruded compound	
Color :	Grey (or to be agreed)	
Thickness :	1,2 mm	
Overall diameter :	6,6 mm	
Total weight :	65 Kg/Km	

Marking :

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

Performance :	- Conductor resistance	39 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 \leq 22%		
	- Minimum bending radius	8 V. D.	
	- Hydrocarbon resistant		
	- Inductance \leq	0,90 mH/Km	
	- Capacitance \leq	0,250 microF/Km	

Weight and diameter are theoretical + / - 10%