

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

Type	F-Cu/PVC/PVC 450/750V FR2XOR 450/750V	12X3X 1,5sqmm
Conductor :	Flexible plain copper conductor according to IEC60228 cl.5 size 1,5sqmm (28x0,25) Diam. 1,55 mm	
Insulation :	PVC extruded compound Thickness : 0,7 mm	- Temperature range -15 + 70°C - Temperature laying -5 + 70°C
Laying up :	Twisted to core, color Blue - Brown - Black numb. (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 :	30 mm	
Total weight :	1150 Kg/Km	

Marking :

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

Performance :	- Conductor resistance	13,3 ohm/Km	(+ 5% for multipair)
	- Test voltage core to core	3 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%