

**INSTRUMENTATION CABLE
Cu, PVC insulated, PVC outer sheath
IEC60332.3, CEI20-22/2**

Type	Cu-CI5/PVC/PVC 450/750V FR2OR 450/750V	12X 2,5sqmm
Conductor :	Flexible red copper conductor according to IEC60228 cl.5 size 2,5sqmm (48x0,25) Diam. 2 mm	
Insulation :	PVC extruded compound Thickness : 0,8 mm	- Temperature range -15 + 70°C - Temperature laying -5 + 70°C
Laying up :	Twisted to core, color Black numbered	

Outer sheath :	PVC, Polyvinylchloride Low Smoke and Fume extruded compound	
Color :	Black	
Thickness :	1,8 mm	
Overall diameter :	19 mm	
Total weight :	590 Kg/Km	

Marking :

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

Performance :	- Conductor resistance	7,98 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 </= 22%		
	- Minimum bending radius	8 V. D.	
	- Hydrocarbon resistant		
	- Inductance </= 0,90mH/Km		
	- Capacitance </= 0,20microF/Km		

Weight and diameter are theoretical + / - 10%