

**INSTRUMENTATION CABLE
Cu, PVC insulated, PVC outer sheath
IEC60502, IEC60332.3**

Type	F-Cu/PVC/PVC 0,6/1Kv FR2OR 0,6/1Kv		
Conductor :	Flexible plain copper conductor according to IEC60228 cl.5 size 1,5sqmm (28x0,25) Diam. 1,55 mm		
Insulation :	PVC extruded compound		- Temperature range -15 + 80°C
	Thickness :	0,8 mm	- Temperature laying -5 + 70°C
Laying up :	Twisted to core, Black numbered (or to be agreed)		

Outer sheath : PVC, Polyvinylchloride Low Smoke and Fume extruded compound
Color : Grey (or to be agreed)

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	4 Kv	
	- Flame retardant according to IEC60332-3-24, CEI20-22/3		
	- Low smoke and fume as per IEC60754-1, CEI20-37		
	- HCL emission <=/= 22%		
	- Hydrocarbon and UV resistant		
	- Inductance <=/=	0,90 mH/Km	
	- Capacitance <=/=	0,250 microF/Km	

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Technical data & Electrical properties at 20°C

DESCRIPTION	Sheath thickness	Ext.Dia m mm	W. Kg/Km	Armour Diam.	Bending radius
F-Cu/PVC/PVC 0,6/1Kv 21X1,5	2	20	680		160
F-Cu/PVC/PVC 0,6/1Kv 12X1,5	2	16	440		128
F-Cu/PVC/PVC 0,6/1Kv 4X1,5	1,8	10,5	170		84

Weight and diameter are theoretical +/- 10%