

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

Type	F-Cu/PVC/CWB/PVC 450/750V FR2OH2R 450/750V	7X 1sqmm
Conductor :	Flexible plain copper conductor according to IEC60228 cl.5 size 1sqmm (32x0,20) Diam. 1,3 mm	
Insulation :	PVC extruded compound Thickness : 0,6 mm	- Temperature range -15 + 70°C - Temperature laying -5 + 70°C
Laying up :	Twisted to core, color Black numbered (or to be agreed)	

Bedding : Mylar tape
Thickness : mm

Screen : CWB plain copper wire braid
Thickness : 0,2 mm

Outer sheath : PVC, Polyvinylchloride Low Smoke and Fume extruded compound
Color : Blue (or to be agreed)
Thickness : 1,4 mm
Overall diameter : 12,5 mm
Total weight : 290 Kg/Km

Marking :

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

Performance :

- Conductor resistance 19,5 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 10 V. D.
- Hydrocarbon and UV resistant

- Inductance \leq 0,90 mH/Km
- Capacitance \leq 0,250 microF/Km

Weight and diameter are theoretical + / - 10%