

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

Type	F-Cu/PVC/OS/PVC 450/750V FR2OHR 450/750V	12X 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 Black numbered	

Overall screen Over the multipair will be shielded with aluminium/mylar tape, with tinned copper drain wire 7x0,30 placed between the aluminium/mylar tape and further mylar tape.
Over the multipair will be shielded with aluminium/mylar tape, with tinned copper drain

Outer sheath : PVC, Polyvinylchloride Low Smoke and Fume extruded compound
Color : Black
Thickness : 1,6 mm
Overall diameter : 16 mm
Total weight : 460 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 $\leq 0,90\text{mH/Km}$
- Capacitance $\leq 0,20\text{microF/Km}$

Weight and diameter are theoretical + / - 10%