

**INSTRUMENTATION CABLE
Cu, PVC insulated, overall screen, PVC outer sheath
IEC60332.3, EN50288-7**

Type	F-Cu/PVC/OS/PVC 300/500V FR2OHR 300/500V	2X 1sqmm
Conductor :	Flexible red copper conductor according to IEC60228 cl.5 size Diam. 1,3 mm	1sqmm (32x0,20)
Insulation :	PVC extruded compound Thickness : 0,5 mm	- Temperature range -15 + 70°C - Temperature laying -5 + 70°C
Laying up :	Twisted to pair, color Blue - Black	

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 : Blue
Thickness : 1,2 mm
Overall diameter : 8 mm
Total weight : 110 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 2 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%