

INSTRUMENTATION CABLE**Cu, PVC insulated, individual and overall screen, PVC outer sheath
IEC60332.1, IEC60332.3**

Type **F-Cu/PVC/IS/OS/PVC 0,6/1Kv
FR2XHOHR 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. Pair Blue-Black numbered / Triad Blue-Brown-Black numbered (or to be agreed)**Pair/Triad screen** Applied over the single pair/triad will be wrapped with polyester tape and shielded with Aluminum / Mylar tape 100% coverage and 25% overlap with metal side in contact with a tinned copper drain wire 7x0,30 size 0,5sqmm, over the screen will be placed a further Mylar tape.**Overall screen** Applied over total assembly will be wrapped with polyester tape and shielded with Aluminum/Mylar tape 100% coverage and 25% overlap with metal side in contact with a tinned copper drain wire 7x0,30 size 0,5sqmm.**Outer sheath :** PVC, Polyvinylchloride Low Smoke and Fume extruded compound
Color : Black (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 3,5 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%
- Hydrocarbon and UV resistant

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

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DESCRIPTION	Sheath thickness	Ext.Dia m mm	W. Kg/Km	Armour Diam.	Bending radius
FR2XHOHR 0,6/1Kv 4X2X1	1,8	16	360		128
FR2XHOHR 0,6/1Kv 4X3X1	1,8	18,6	460		149
FR2XHOHR 0,6/1Kv 6X2X1	1,8	18,8	480		150
FR2XHOHR 0,6/1Kv 6X3X1	2	22	630		176
FR2XHOHR 0,6/1Kv 12X2X1	2	24,4	820		195
FR2XHOHR 0,6/1Kv 12X3X1	2	29	1090		232
FR2XHOHR 0,6/1Kv 2X2X1	1,8	13,4	220		107
FR2XHOHR 0,6/1Kv 2X3X1	1,8	15,8	290		126

Weight and diameter are theoretical +/- 10%