INSTRUMENTATION CABLE
Cu, PVC insulated, TCWB overall screen, PVC outer sheath
IEC60332.1, IEC60332.3-24

Type **F-Cu/PVC/TCWB/PVC 300/500V**
FR2OH2R 300/500V

Conductor : Flexible plain copper conductor according to IEC60228 cl.5 size 1sqmm (32x0,20)
Diam. 1,3 mm

Insulation : PVC extruded compound - Temperature range -15 + 80°C
Thickness : 0,5 mm - Temperature laying -5 + 70°C

Laying up : Twisted to triad, Blue - Brown - Black numbered (or to be agreed)

Bedding : Mylar tape
Thickness : mm

Screen : TCWB tinned copper wire braid

Outer sheath : PVC, Polyvinylchloride Low Smoke and Fume extruded compound
Color : Black

Marking :
On the outher 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 </= 22%
- Hydrocarbon resistant

- Inductance </= 0,90mH/Km
- Capacitance </= 0,25microF/Km

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Technical data & Electrical properties at 20°C

DESCRIPTION	Sheath thickness	Ext.Diam mm	W. Kg/Km	Armour Diam.	Bending radius
F-Cu/PVC/TCWB/PVC 12X3X1	2	27	1110		216
F-Cu/PVC/TCWB/PVC 8X3X1	1,6	23	800		184
F-Cu/PVC/TCWB/PVC 2X3X1	1,4	15,6	330		125
F-Cu/PVC/TCWB/PVC 20X2X1	2	28	1180		224

Weight and diameter are theoretical + / - 10%