

**INSTRUMENTATION CABLE
Cu, EPR insulated, CWB, LSZH outer sheath
IEC60332.3, IEC60754, IEC61034, EN50288-7**

Type	F-Cu/EPR/CWB/LSZH 300/500V FG7OH2M1 300/500V	2X 1sqmm
Conductor :	Flexible plain copper conductor according to IEC60228 cl.5 size 1sqmm (32x0,20) Diam. 1,3 mm	
Insulation :	Cross-linked HEPR extruded compound Thickness : 0,5 mm	- Temperature range -20 + 90°C - Temperature laying -5 + 90°C
Laying up :	Twisted to pair, color Blue - Brown (or to be agreed)	

Bedding : Mylar tape
Thickness : mm

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

Outer sheath : M1, Low Smoke Zero Halogen emission extruded compound
Color : Black (or to be agreed)
Thickness : 1,2 mm
Overall diameter : 8,2 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 halogen free as per IEC60754-2, CEI20-37/2
- Low smoke density emission IEC61034-1/2
- Minimum bending radius 8 V. D.
- Hydrocarbon UV resistant

- Inductance </= 0,90 mH/Km
- Capacitance </= 0,200 microF/Km

Weight and diameter are theoretical + / - 10%