

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

Type	F-Cu/EPR/LSZH 300/500V FG7OM1 300/500V	19X 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 core, color Black numbered (or to be agreed)	

Outer sheath :	M1, Low Smoke Zero Halogen emission extruded compound Color : Black (or to be agreed) Thickness : 1,8 mm Overall diameter : 15,5 mm Total weight : 420 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%