

INSTRUMENTATION CABLE**Cu, EPR insulated, overall Al+TCWB, LSZH bedding, SWA, LSZH outer sheath
IEC60332.1, IEC60332.3, IEC60754, IEC61034**

Type	F-Cu/EPR/OSTCWB/LSZH/SWA/LSZH 450/750V FG7XOHH2tM1FM1 450/750V	2X 1,5sqmm
Conductor :	Flexible plain copper conductor according to IEC60228 cl.5 size 1,5sqmm (28x0,25) Diam. 1,55 mm	
Insulation :	Cross-linked HEPR extruded compound Thickness : 0,6 mm	- Temperature range -20 + 90°C - Temperature laying -5 + 90°C
Laying up :	Twisted to pair, color Blue - Black (or to be agreed)	
Overall screen	pair will be shielded with aluminum/mylar tape, plus tinnd copper wire braid 0	
Bedding :	M1, Low Smoke Zero Halogen emission extruded compound Thickness : 1,0 mm	
Armor :	SWA, Galvanized steel round wires Thickness : 0,9 mm	
Outer sheath :	M1, Low Smoke Zero Halogen emission extruded compound Color : Black (or to be agreed) Thickness : 1,4 mm Overall diameter : 13 mm Total weight : 310 Kg/Km	
Marking :	On the outhter 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 Kv - Flame retardant according to IEC60332-3-22, CEI20-22/2 - Low smoke and halogen free as per IEC60754-2, CEI20-37/2 - Low smoke density emission IEC61034-1/2 - Minimum bending radius 12 V. D. - Hydrocarbon and UV resistant	

Weight and diameter are theoretical +/- 10%