

INSTRUMENTATION CABLE**Cu, EPR insulated, individual and overall screen, LSZH bedding, SWA, LSZH outer sheath
IEC60332.1, IEC60332.3, IEC60754, IEC61034**

Type	F-Cu/EPR/IS/OS/LSZH/SWA/LSZH 450/750V FG7XHOHM1FM1 450/750V	6X3X 1,5sqmm
Conductor :	Flexible red copper conductor according to IEC60228 cl.5 size Diam. 1,55 mm	1,5sqmm (28x0,25)
Insulation :	Cross-linked HEPR extruded compound Thickness : 0,7 mm	- Temperature range -20 + 90°C - Temperature laying -5 + 90°C
Laying up :	Twisted to core, color Blue - Brown - Black numbered (or to be agreed)	
Pair screen	Each pair will be shielded with aluminum/mylar tape, with tinned copper drain wire 7x0,30 placed between the aluminum/myler tape and further mylar tape.	
Overall screen	Over the multipair will be shielded with aluminum/mylar tape, with tinned copper drain wire 7x0,30 placed between the aluminum/myler tape and further mylar tape.	
Bedding :	M1, Low Smoke Zero Halogen emission extruded compound Thickness : 1,0 mm	
Armor :	SWA, Galvanized steel round wires Thickness : 1,25 mm	
Outer sheath :	M1, Low Smoke Zero Halogen emission extruded compound Color : Black (or to be agreed) Thickness : 2,0 mm Overall diameter : 29 mm Total weight : 1220 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%