

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

Type	F-Cu/EPR/ISCu/OSCu/LSZH 0,6/1Kv	6X3X 0,75sqmm
	FG7XH2OH2M1 0,6/1Kv	
Conductor :	Flexible plain copper conductor according to IEC60228 cl.5 size 0,75sqmm (24x0,20) Diam. 1,12 mm	
Insulation :	Cross-linked HEPR extruded compound	- Temperature range -20 + 90°C
	Thickness : 0,7 mm	- Temperature laying -5 + 90°C
Laying up :	Twisted to triad, color Blue - Brown - Black numb. (or to be agreed)	
Pair/Triad screen	Applied over the single pair/triad will be wrapped with polyester tape and shielded with plain Copper braid coverage 60% the single screen will be in contact together	
Overall screen	Applied over total assembly will be wrapped with polyester tape and shielded with plain Copper braid coverage 60%	
	0	
Outer sheath :	M1, Low Smoke Zero Halogen emission extruded compound	
	Color :	Green (or to be agreed)
	Thickness :	1,8 mm
	Overall diameter :	24 mm
	Total weight :	900 Kg/Km
Marking :	On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.	
Performance :	- Conductor resistance 26 ohm/Km (+ 5% for multipair)	
	- Test voltage core to core 4 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 14 V. D.	
	- Hydrocarbon and UV resistant	
	- Inductance </= 0,90 mH/Km	
	- Capacitance </= 0,250 microF/Km	

Weight and diameter are theoretical + / - 10%