

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

Type	F-Cu/EPR/CuOS/LSZH/SWB/LSZH 0,6/1Kv	2X 4sqmm
	FG16OH1M16AM16 0,6/1Kv	
Conductor :	Flexible plain copper conductor according to IEC60228 cl.5 size 4sqmm (56x0,30) Diam. 2,5 mm	
Insulation :	Cross-linked HEPR extruded compound Thickness : 0,7 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	Applied over total assembly will be wrapped with polyester tape and shielded with Copper/Mylar tape 100% coverage and 25% overlap with metal side in contact with a tinned copper drain wire 7x0,30 size 0,5sqmm.	
Bedding :	M16, Low Smoke Zero Halogen emission extruded compound Thickness : 1,0 mm	
Armour :	SWB, Galvanized steel braid wires Thickness : 0,3 mm	
Outer sheath :	M16, Low Smoke Zero Halogen emission extruded compound Color : Black (or to be agreed) Thickness : 1,8 mm Overall diameter : 15,2 mm Total weight : 420 Kg/Km	
Marking :	On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.	
Performance :	- Conductor resistance 4,95 ohm/Km (+ 5% for multipair) - Test voltage core to core 3,5 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 12 V. D. - Hydrocarbon UV resistant - Inductance </= 1,25 mH/Km - Capacitance </= 0,250 microF/Km	

Weight and diameter are theoretical + / - 10%