

INSTRUMENTATION CABLE
Cu, EPR insulated, overall screen, SHF1 bedding, GSWB, SHF1 outer sheath
IEC60332.3, IEC60754, IEC61034, EN50288-7

Type	Rt-Cu/EPR/OS/SHF1/GSWB/SHF1 250V RG7OHM1AM1 250V	2X 1,5sqmm
Conductor :	Stranded tinned copper conductor acc. to IEC60228 cl.2 size Diam. 1,55 mm	1,5sqmm (7x0,53)
Insulation :	Cross-linked HEPR extruded compound Thickness : 0,5 mm	- Temperature range -20 + 90°C - Temperature laying -5 + 90°C
Laying up :	Twisted to pair, color Red - Black (or to be agreed)	
Overall screen	Applied over total assembly will be wrapped with polyester tape and shielded with Aluminum/Mylar tape 100% coverage and 25% overlap with metal side in contact with a tinned copper drain wire 7x0,30 size 0,5sqmm.	
Bedding :	SHF1 , Low Smoke Zero Halogen emission extruded compound Thickness : 1,0 mm	
Armour :	SWB, Galvanized steel braid wires Thickness : 0,3 mm	
Outer sheath :	SHF1 , Low Smoke Zero Halogen emission extruded compound Color : Black (or to be agreed) Thickness : 1,4 mm Overall diameter : 12,4 mm Total weight : 240 Kg/Km	
Marking :	On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.	
Performance :	<ul style="list-style-type: none">- Conductor resistance 13,7 ohm/Km (+ 5% for multipair)- Test voltage core to core 1,5 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 and UV resistant - Inductance </= 0,90 mH/Km- Capacitance </= 0,250 microF/Km	

Weight and diameter are theoretical + / - 10%