

INSTRUMENTATION CABLE**Cu, XLPE insulated, individual and overall screen, SHF1 bedding, CWB, SHF1 outer sheath
IEC60332.1, IEC60332.3, IEC60092**

Type	R-Cu/XLPE/IS/OS/SHF1/CWB/SHF1 125/150V	
Conductor :	Stranded red copper conductor according to IEC60228 cl.2 size 1sqmm (7x0,43) Diam. 1,3 mm	
Insulation :	Cross-linked XLPE extruded compound Thickness : 0,6 mm	- Temperature range -20 + 90°C - Temperature laying -5 + 90°C
Laying up :	Twisted to core, color Blue-Black numbered	
Pair screen	Each pair will be shielded with aluminium/mylar tape, with tinned copper drain wire 7x0,30 placed between the aluminium/mylar tape and further mylar tape.	
Overall screen	Over the multipair will be shielded with aluminium/mylar tape, with tinned copper drain wire 7x0,30 placed between the aluminium/mylar tape and further mylar tape.	
Bedding :	SHF1 , Low Smoke Zero Halogen emission extruded compound Thickness : 1,0 mm	
Screen :	CWB red copper wire braid	
Outer sheath :	SHF1 , Low Smoke Zero Halogen emission extruded compound Color : Green (or to be agreed)	
Marking :	On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.	
Performance :	<ul style="list-style-type: none">- Conductor resistance 18,1 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- Hydrocarbon and UV resistant	