

INSTRUMENTATION CABLE**Cu, XLPE insulated, individual and overall screen, PE bedding, SWA, LSZH outer sheath
IEC60332.1, EN50288-7**

Type	R-Cu/XLPE/IS/OS/PE/SWA/LSZH 300/500V RE4XHOHEFM1 300/500V	
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 pair, color White - Black numbered (or to be agreed)	
Pair screen	Each pair will be shielded with aluminium/mylar tape, with tinned copper drain wire 7x0,30 placed between the aluminium/myler 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/myler tape and further mylar tape.	
Bedding :	PE, Polyethylene extruded compound Thickness : 1,2 mm	
Armor :	SWA, Galvanized steel round wires	
Outer sheath :	M1, Low Smoke Zero Halogen emission extruded compound Color : Black (or to be agreed)	
Marking :	On the outhter sheath " manufacturer's name year & description cable " with ink-jet printer.	
Performance :	- Conductor resistance 18,1 ohm/Km (+ 5% for multipair) - Test voltage core to core 2 Kv - Flame retardant according to IEC60332.1, CEI20-35 - Low smoke and halogen free as per IEC60754-2, CEI20-37/2 - Low smoke density emission IEC61034-1/2 - Hydrocarbon and UV resistant	