

CONTROL CABLE
Cu, XLPE insulated, overall screen, PE bedding, SWA, LSZH outer sheath
IEC60332.1

Type	R-Cu/XLPE/OS/PE/SWA/LSZH 300/500V RE4OHEFM1 300/500V	6X 2,5sqmm
Conductor :	Strandrd red copper conductor according to IEC60228 cl.2 size 2,5sqmm (7x0,67) Diam. 2 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 Black numbered	
Overall screen	Over the multipair will be shielded with aluminum/mylar tape, with tinned copper drain wire 7x0,30 placed between the aluminum/myler tape and further mylar tape.	
Bedding :	PE, Polyethylene extruded compound Thickness : 1,0 mm	
Armor :	SWA, Galvanized steel round wires Thickness : 0,9 mm	
Outer sheath :	M1, Low Smoke Zero Halogen emission extruded compound Color : Black (or to be agreed) Thickness : 1,6 mm Overall diameter : 19 mm Total weight : 640 Kg/Km	
Marking :	On the outhter sheath " manufacturer's name year & description cable " with ink-jet printer.	
Performance :	<ul style="list-style-type: none">- Conductor resistance 7,41 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- Minimum bending radius 12 V. D.- Hydrocarbon and UV resistant	

Weight and diameter are theoretical + / - 10%