

POWER CABLE
Rt Cu, XLPE insulated, SHF1 bedding, TCWB, SHF1 outer sheath
IEC60332.3-24, IEC60754, IEC61034

Type	Rt-Cu/XLPE/SHF1/TCWB/SHF1 0,6/1Kv	2X 2,5sqmm
	RE40M1H2M1 0,6/1Kv	
Conductor :	Stranded tinned copper conductor according to IEC60228 cl.2 si: 2,5sqmm (7x0,67)	
	Diam.	2 mm
Insulation :	Cross-linked XLPE extruded compound	- Temperature range -20 + 90°C
	Thickness :	0,7 mm - Temperature laying -5 + 90°C
Laying up :	Twisted to pair, color White - Red (or to be agreed)	
Bedding :	SHF1 , Low Smoke Zero Halogen emission extruded compound	
	Thickness :	1,0 mm
Screen :	TCWB Tinned copper wire braid	
	Thickness :	0,2 mm
Outer sheath :	SHF1 , Low Smoke Zero Halogen emission extruded compound	
	Color :	Black (or to be agreed)
	Thickness :	1,8 mm
	Overall diameter :	13,2 mm
	Total weight :	310 Kg/Km
Marking :	On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.	
Performance :	- Conductor resistance 7,41 ohm/Km (+ 5% for multipair)	
	- Test voltage core to core 3,5 Kv	
	- Flame retardant according to IEC60332-3-22, CEI20-22/2	
	- 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%