

POWER CABLE
Cu, XLPE insulated, SHF1 bedding, SWA, SHF1 outer sheath
IEC60332.3, IEC60502

Type	F-Cu/XLPE/SHF1/SWA/SHF1 0,6/1Kv	3G 4sqmm
	FE40M1FM1 0,6/1Kv	
Conductor :	Flexible plain copper conductor according to IEC60228 cl.5 size 4sqmm (56x0,30) Diam. 2,5 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 core, color Blue - Brown - Y/G (or to be agreed)	
Bedding :	SHF1 , Low Smoke Zero Halogen emission extruded compound	
	Thickness : 1,0 mm	
Armour :	SWA, Galvanized steel round wires	
	Thickness : 0,9 mm	
Outer sheath :	SHF1 , Low Smoke Zero Halogen emission extruded compound	
	Color : Black (or to be agreed)	
	Thickness : 1,8 mm	
	Overall diameter : 17 mm	
	Total weight : 500 Kg/Km	
Marking :	On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.	
Performance :	- Conductor resistance 4,95 ohm/Km (+ 5% for multipair)	
	- Test voltage core to core 4 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%