

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

Type	F(t)-Cu/XLPE/LSZH/SWA/LSZH 0,6/1Kv FE40M1FM1 0,6/1Kv	4X 4sqmm
Conductor :	Flexible tinned copper conductor acc. to IEC60228 cl.5 Diam. 2,5 mm	size 4sqmm (56x0,30)
Insulation :	Cross-linked XLPE extruded compound Thickness : 0,7 mm	- Temperature range -20 + 90°C - Temperature laying -5 + 90°C
Laying up :	Twisted to pair, color Brown - Black - Grey - Y/G (or to be agreed)	

Bedding : M1, Low Smoke Zero Halogen emission extruded compound
Thickness : 1,0 mm

Armour : 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 : 18 mm
Total weight : 590 Kg/Km

Marking :

On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.

Performance :

- Conductor resistance 5,09 ohm/Km (+ 5% for multipair)
- Test voltage core to core 4 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
- Minimum bending radius 12 V. D.
- Hydrocarbon resistant

- Inductance </= 0,90 mH/Km
- Capacitance </= 0,250 microF/Km

Weight and diameter are theoretical + / - 10%